

# 75 X3 SPIN ACE

Spin Ace Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 75X3EX)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, control panel with LED Hi-Definition color monitor, rearview camera display, fuel-efficiency gauge, low-effort joysticks pre-wired for auxiliary hydraulics, control pattern changer, safety glass windows, sunroof with sunshade, shockless cab suspension with four fluid mountings, reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, removable floor mat, footrests, 12-volt outlet, travel alarm, handrails, mirrors, side-entry cab filter, battery disconnect switch, spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, anti-theft password protection system, on-board self-diagnostic system with memory and service interval reminders, auto-idling system, one-touch decelerator, auto-idle engine shutdown, auto-power boost, neutral safety start, gate-lock safety shutoff.

**ENGINE** - EPA Certified FINAL Tier 4 (Tier 4b) Isuzu AP-4LE2X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 54 Net HP (40 kW), 2.2 Liter displacement, 4-cylinder, water-cooled, Cooled Exhaust Gas Recirculation (CEGR), intercooler, Diesel Oxidation Catalyst (DOC), electronic fuel pump and priming, fuel cooler, auto-idle start, auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, dual-stage fuel filtration, remote oil filter, green plug oil drain, double element air filter, spark arrest muffler.

**HYDRAULICS** - Open-center system, two variable-displacement axial-piston pumps and one gear pump for pilot controls, main control valve with one 4-spool section and one 5-spool section with auxiliary spool, 1-spool valve for blade, oil cooler, boom holding valve, 6 micron return filter, firewall.

**UPPERSTRUCTURE** - 2,140 lb. (970 kg) counterweight, upper undercovers, turntable bearing, common key locks, tool box, 70W work light, non-skid surface pads, handrail.

**UNDERCARRIAGE** - X-pattern carbody with 9' 4" (2.85m) LC long undercarriage by 6' 2" (1.87m) track gauge, Sealed and strutted track chain with 154mm pitch, sealed rollers and idlers, two speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, carbody belly pan, 4 lashing points (tie downs), 7' 7" (2.32m) hydraulically controlled dozer blade.

ITEM	DESCRIPTION	PRICE	LBS	KGS
<b>BASE MACHINE</b>				
<b>BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK OR BUCKET. MUST BE ORDERED SEPARATELY</b>				
75X3EX	75 X3 SPIN ACE FINAL TIER 4 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 107,860		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	5' 7" (1.69m) ARM, 12' 4" (3.75m) BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 13,165		
B	7' 2" (2.19m) ARM, 12' 4" (3.75m) BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 13,840		
C	OFFSET BOOM WITH 5' 9" (1.75m) ARM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & BUCKET LINKAGE	\$ 23,165		
D	5' 7" (1.69m) ARM, 12' 4" (3.75m) BOOM, BOOM CYLINDER, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 9,910		
E	7' 2" (2.19m) ARM, 12' 4" (3.75m) BOOM, BOOM CYLINDER, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 10,580		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	17.7" (450mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78	\$ 6,375		
B	23.5" (600mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78 (LIMITED AVAILABILITY) See Note 1	\$ 6,860		
C	17.7" (450mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES - BOLTED ON REGULAR RAIL) See Note 1	\$ 13,030		
N	TRACK - NO OPTION TAKEN			
	Bolt on RUBBER PADS (made to mount onto 450mm steel shoes) are available from Service Parts. The part number is KAA 1231 (includes rubber pad and mounting hardware). QT required for complete machine - 78 pieces.	Order From Parts Dept		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Not available for offset attachment) (Provides for two way flow for operating grapples and crushers, etc. but is switchable to single acting to operate hammers) See Note 2	\$ 7,750		
B	SINGLE ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides one way flow for operating hammers) See Note 2	\$ 4,340		
C	SINGLE ACTING AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Provides one way flow for operating hammers) See Note 2	\$ 5,230		
D	THUMB AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Not available for offset attachment) See Note 2	\$ 3,720		
E	SECONDARY AUXILIARY HYDRAULICS (Not available for offset attachment) (Pedal activated; Provides double-acting low flow for rotate or tilt functions) See Note 2	\$ 3,395		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (Continued)</b>				
F	SECONDARY AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Not available for offset attachment) (Provides double-acting low flow for rotate or tilt functions) See Note 2	\$ 4,480		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Not available for offset attachment) See Note 2	\$ 12,230		
N	AUXILIARY HYDRAULICS - NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN			
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS Contact Parts Department For Price &amp; Availability</b>				
KG0HN540-00	CAB HEAD GUARD - FOPS LEVEL II	Order From Parts Dept		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	Order From Parts Dept		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE OPG Level 1 (For front window only, upper section hinges)	Order From Parts Dept		
KG0HN536-00	CAB FRONT GUARD - BAR STYLE OPG Level 2 (For front window only)	Order From Parts Dept		
KG0HR769-00	CAB LIGHTS (1 additional exterior cab light; mounts to top of cab front)	Order From Parts Dept		
KG0HR788-00	CAB LIGHTS WITH CAB GUARD (1 additional cab light; mounts to top of cab front guard)	Order From Parts Dept		
XEAB 3530R	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	Order From Parts Dept		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 2,840		
XEAB 3500A	SHORT ARM - 5' 7" (1.69m) BARE ARM WITH BUSHINGS	\$ 2,415		
XEAB 3500B	LONG ARM - 7' 2" (2.19m) BARE ARM WITH BUSHINGS	\$ 3,085		
<b>ESCO BUCKETS Esco Bucket Prices F.O.B. Covington, KY</b>				
EAA 9000A	STDP - .24 yd3 (.18 m3) Capacity - 18" (457mm) Width Outside Lip - 3 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 3,490		
EAA 9000B	STDP - .35 yd3 (.27 m3) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 3,690		
EAA 9000C	STDP - .45 yd3 (.34 m3) Capacity - 30" (762mm) Width Outside Lip - 5 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$ 3,970		
XH1 9005A	DITCH - .61 yd3 (.47 m3) Capacity - 42" (1067mm) Width Outside Lip Note: 5' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$ 4,075		
XH1 9005B	DITCH - .71 yd3 (.54 m3) Capacity - 48" (1219mm) Width Outside Lip Note: 5' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Not Approved	\$ 4,215		
EAA 9100F	PWB - .21 yd3 (.18 m3) Capacity - 18" (457mm) Width Outside Lip - 3 Teeth	\$ 3,695		
EAA 9100G	PWB - .34 yd3 (.26 m3) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth	\$ 4,020		
EAA 9100J	PWB - .44 yd3 (.34 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth	\$ 4,355		
EAA 9100K	PWB - .61 yd3 (.50 m3) Capacity - 42" (1 067mm) Width Outside Lip - 6 Teeth	\$ 5,010		
EAA 9100L	PWB - .52 yd3 (.42 m3) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth	\$ 4,675		
<b>Couplers Esco Coupler Prices F.O.B. Cincinnati, OH</b>				
XEDB 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 7,985	323	
<b>Thumbs Esco Thumb Prices F.O.B. Bedford, PA</b>				
XEAA 9070A	Esco Hydraulic Direct-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder). See Note 3 See Note 4	\$ 7,075	300	136
XEAA 9070B	Esco Hydraulic Direct-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder), Coupler Version See Note 3 See Note 4	\$ 7,195	325	147
XEAA 9070C	Esco Hydraulic Progressive-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder). See Note 3 See Note 4	\$ 7,860	325	147
XEAA 9070D	Esco Hydraulic Progressive-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder), Coupler Version	\$ 8,255		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>STANDARD CONFIGURATION</b>				
75X3EX	75 X3 SPIN ACE FINAL TIER 4 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY			\$107,860.00
A	5' 7" (1.69m) ARM, 12' 4" (3.75m) STANDARD BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE			\$13,165.00
A	17.7" (450mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78			\$6,375.00
N	AUXILIARY HYDRAULICS - NO OPTION TAKEN			
N	NO OPTION TAKEN			
<b>Total List Price</b>				<b>\$127,400.00</b>
<b>ORDER SPEC:</b>				<b>75X3EX-AANN</b>

**NOTE 1:** This item will affect availability. Please consult sales office.

**NOTE 2:** This item will affect availability. For field installation kit, order through Parts Department.

**NOTE 3:** Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

**NOTE 4:** Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy Duty Linkage. Heavy Duty Bucket Linkage is recommended for machines with field installed Auxiliary Hydraulics and should be ordered through the Link-Belt Parts Department.

# 80 X3 SPIN ACE (Swing Boom)

Spin Ace Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 80X3EX)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, control panel with LED Hi-Definition color monitor, rearview camera display, fuel-efficiency gauge, low-effort joysticks pre-wired for auxiliary hydraulics, control pattern changer, safety glass windows, sunroof with sunshade, shockless cab suspension with four fluid mountings, reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, removable floor mat, footrests, 12-volt outlet, travel alarm, handrails, mirrors, side-entry cab filter, battery disconnect switch, spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, anti-theft password protection system, on-board self-diagnostic system with memory and service interval reminders, auto-idling system, one-touch decelerator, auto-idle engine shutdown, auto-power boost, neutral safety start, gate-lock safety shutoff.

**ENGINE** - EPA Certified FINAL Tier 4 (Tier 4b) Isuzu AP-4LE2X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 54 Net HP (40 kW), 2.2 Liter displacement, 4-cylinder, water-cooled, Cooled Exhaust Gas Recirculation (CEGR), intercooler, Diesel Oxidation Catalyst (DOC), electronic fuel pump and priming, fuel cooler, auto-idle start, auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, dual-stage fuel filtration, remote oil filter, green plug oil drain, double element air filter, spark arrest muffler.

**HYDRAULICS** - Open-center system, two variable-displacement axial-piston pumps and one gear pump for pilot controls, main control valve with one 4-spool section and one 5-spool section with auxiliary spool, 2-spool valve for swing boom and blade, oil cooler, boom holding valve, 6 micron return filter, firewall.

**UPPERSTRUCTURE** - 2,430 lb. (1,100 kg) counterweight, upper undercovers, turntable bearing, common key locks, tool box, 70W work light, non-skid surface pads, handrail.

**UNDERCARRIAGE** - X-pattern carbody with 9' 4" (2.85m) LC long undercarriage by 6' 2" (1.87m) track gauge, Sealed and strutted track chain with 154mm pitch, sealed rollers and idlers, two speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KGS
<b>BASE MACHINE</b>				
<b>BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK OR BUCKET. MUST BE ORDERED SEPARATELY</b>				
80X3EX	80 X3 SPIN ACE FINAL TIER 4 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 115,990		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	5' 7" (1.69m) ARM, 11' 6" (3.50m) SWING BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 13,410		
B	7' 2" (2.19m) ARM, 11' 6" (3.50m) SWING BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 14,105		
D	5' 7" (1.69m) ARM, 11' 6" (3.50m) SWING BOOM, BOOM CYLINDER, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 10,950		
E	7' 2" (2.19m) ARM, 11' 6" (3.50m) SWING BOOM, BOOM CYLINDER, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 10,790		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	17.7" (450mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78	\$ 6,375		
B	23.5" (600mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78 (LIMITED AVAILABILITY) See Note 1	\$ 6,860		
C	17.7" (450mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES - BOLTED ON REGULAR RAIL) See Note 1	\$ 13,030		
N	TRACK - NO OPTION TAKEN			
	Bolt on RUBBER PADS (made to mount onto 450mm steel shoes) are available from Service Parts. The part number is KAA 1231 (includes rubber pad and mounting hardware). QT required for complete machine - 78 pieces.	Call Parts Dept		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Provides for two way flow for operating grapples and crushers, etc. but is switchable to single acting to operate hammers) See Note 2	\$ 7,750		
B	SINGLE ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides one way flow for operating hammers) See Note 2	\$ 4,340		
C	SINGLE ACTING AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Provides one way flow for operating hammers) See Note 2	\$ 5,230		
D	THUMB AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS See Note 2	\$ 3,720		
E	SECONDARY AUXILIARY HYDRAULICS (Pedal activated; Provides double-acting low flow for rotate or tilt functions) See Note 2	\$ 3,395		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (Continued)</b>				
F	SECONDARY AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS (Provides double-acting low flow for rotate or tilt functions) See Note 2	\$ 4,480		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH PROPORTIONAL JOYSTICKS See Note 2	\$ 12,230		
N	AUXILIARY HYDRAULICS - NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN			
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> Contact Parts Department For Price & Availability				
KG0HN540-00	CAB HEAD GUARD - FOPS LEVEL II	Order From Parts Dept		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	Order From Parts Dept		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE OPG Level 1 (For front window only, upper section hinges)	Order From Parts Dept		
KG0HN536-00	CAB FRONT GUARD - BAR STYLE OPG Level 2 (For front window only)	Order From Parts Dept		
KG0HR769-00	CAB LIGHTS (1 additional exterior cab light; mounts to top of cab front)	Order From Parts Dept		
KG0HR788-00	CAB LIGHTS WITH CAB GUARD (1 additional cab light; mounts to top of cab front guard)	Order From Parts Dept		
XEAB 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	Order From Parts Dept		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 2,840		
XEAB 3500A	SHORT ARM - 5' 7" (1.69m) BARE ARM WITH BUSHINGS	\$ 2,415		
XEAB 3500B	LONG ARM - 7' 2" (2.19m) BARE ARM WITH BUSHINGS	\$ 3,085		
<b>ESCO BUCKETS</b> Esco Bucket Prices F.O.B. Covington, KY				
EAA 9000A	STDP - .24 yd3 (.18 m3) Capacity - 18" (457mm) Width Outside Lip - 3 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 3,490		
EAA 9000B	STDP - .35 yd3 (.27 m3) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 3,690		
EAA 9000C	STDP - .45 yd3 (.34 m3) Capacity - 30" (762mm) Width Outside Lip - 5 Teeth Note: 5' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$ 3,970		
XH1 9005A	DITCH - .61 yd3 (.47 m3) Capacity - 42" (1067mm) Width Outside Lip Note: 5' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$ 4,075		
XH1 9005B	DITCH - .71 yd3 (.54 m3) Capacity - 48" (1219mm) Width Outside Lip Note: 5' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3 Note: 7' 2" Arm/Bucket Combination - Not Approved	\$ 4,215		
EAA 9100F	PWB - .21 yd3 (.18 m3) Capacity - 18" (457mm) Width Outside Lip - 3 Teeth	\$ 3,695		
EAA 9100G	PWB - .34 yd3 (.26 m3) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth	\$ 4,020		
EAA 9100J	PWB - .44 yd3 (.34 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth	\$ 4,355		
EAA 9100K	PWB - .61 yd3 (.50 m3) Capacity - 42" (1 067mm) Width Outside Lip - 6 Teeth	\$ 5,010		
EAA 9100L	PWB - .52 yd3 (.42 m3) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth	\$ 4,675		
<b>Couplers</b> Esco Coupler Prices F.O.B. Cincinnati, OH				
XEDB 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 7,985	323	
<b>Thumbs</b> Esco Thumb Prices F.O.B. Bedford, PA				
XEAA 9070A	Esco Hydraulic Direct-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder). See Note 3 See Note 4	\$ 7,075	300	136
XEAA 9070B	Esco Hydraulic Direct-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder), Coupler Version See Note 3 See Note 4	\$ 7,195	325	147
XEAA 9070C	Esco Hydraulic Progressive-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder). See Note 3 See Note 4	\$ 7,860	325	147
XEAA 9070D	Esco Hydraulic Progressive-Link Thumb with Flow Control Valve (All Hydraulic Thumb Kits include hoses to cylinder), Coupler Version	\$ 8,255		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>STANDARD CONFIGURATION</b>				
80X3EX	80 X3 SPIN ACE FINAL TIER 4 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY			\$115,990.00
A	5' 7" (1.69m) ARM, 11' 6" (3.50m) SWING BOOM, BOOM CYLINDER, ARM CYLINDER, BUCKET CYLINDER & LINKAGE			\$13,410.00
A	17.7" (450mm) 3-BAR GROUSER (154mm pitch) SHOES, QT 78			\$6,375.00
N	AUXILIARY HYDRAULICS - NO OPTION TAKEN			
N	NO OPTION TAKEN			
		<b>Total List Price</b>		<b>\$135,775.00</b>
		<b>ORDER SPEC:</b>		<b>80X3EX-AANN</b>

**NOTE 1:** This item will affect availability. Please consult sales office.

**NOTE 2:** This item will affect availability. For field installation kit, order through Parts Department.

**NOTE 3:** Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

**NOTE 4:** Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy Duty Linkage. Heavy Duty Bucket Linkage is recommended for machines with field installed Auxiliary Hydraulics and should be ordered through the Link-Belt Parts Department.

# 130 X3 LC

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 130X3LC)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4JJ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 100 Net HP (74.9 kW), 3.0 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 4,850 lb. (2 200 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 12' 4" (3.76m) LC long undercarriage by 6' 6" (1.99m) track gauge, Sealed and strutted track chain with 172mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
130X3LC	130 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 139,090	19,950	9,049
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 22,775	3,948	1,791
B	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 23,625	4,162	1,888
C	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 21,970	3,999	1,814
D	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 18,880	3,454	1,567
E	STANDARD BOOM 15' 2" (4.63m) AND ARM 9' 11" (3.01m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 19,735	3,667	1,663
F	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 18,120	3,505	1,590
G	STANDARD BOOM 15' 2" (4.63m) ONLY (Includes boom and arm cylinders)	\$ 14,045	2,698	1,224
H	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 4,190	567	257
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
D	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 92	\$ 14,415	3,801	1,724
E	27.5" (700mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 92	\$ 15,970	4,511	2,046
F	20" (500mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 27,020		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 8,635		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,990		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 6,065		
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 4,760		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 5,000		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 13,635		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0NP762-00	FREE-SWING	\$ 310		
KG0NR264-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0NA225-00	DOUBLE TRACK GUIDES	\$ 830		
XEFD 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 1,250		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 5,570		
XEFD 3500A	8' 2" (2.50m) STANDARD ARM (Bare arm with bushings only)	\$ 5,405		
XEFD 3500C	6' 11" (2.11m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 4,510		
XEFD 3500B	9' 11" (3.01m) STANDARD LONG ARM (Bare arm with bushings only)	\$ 6,260		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,420	791	359
XEFC 9000B	STDP - .66 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,610	889	403



ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEFC 9000C	STDP - .82 yd <sup>3</sup> (.63 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,925	1,007	457
XEFC 9000D	STDP - .98 yd <sup>3</sup> (.75 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,360	1,110	503
XE4 9005A	DITCH - .86 yd <sup>3</sup> (.66 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,410	970	440
XE4 9005B	DITCH - .96 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,260	1,040	472
XEFC 9010A	HDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,520	1,064	483
XEFC 9010B	HDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,650	1,183	537
XEFC 9010C	HDP - .81 yd <sup>3</sup> (.62 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,900	1,331	604
XEFC 9010D	HDP - .97 yd <sup>3</sup> (.74 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Not Approved Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,220	1,390	630
XEFC 9100A	PWB - .42 yd <sup>3</sup> (.32 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,975	761	345
XEFC 9100B	PWB - .55 yd <sup>3</sup> (.42 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,660	858	389
XEFC 9100C	PWB - .68 yd <sup>3</sup> (.52 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,940	941	427
<b>COUPLERS</b>				
XEFD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 9,565	565	

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>THUMBS</b>				
<b>FOB - Bedford, PA</b>				
XEFC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 4,595		
XEFC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 10,310		
XEFC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 11,135		
XEFC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,015		
XEFC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,835		
<b>STANDARD CONFIGURATION</b>				
130X3LC	130 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$139,090.00
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)			\$22,775.00
D	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 92			\$14,415.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>	<b>\$176,280.00</b>	
		<b>ORDER SPEC</b>	<b>130X3LC-ADNN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 130 X3 DZ

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 130X3DZ)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4JJ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 100 Net HP (74.9 kW), 3.0 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 4,850 lb. (2 200 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 11' 6" (3.50m) regular undercarriage by 6' 6" (1.99m) track gauge, Sealed and strutted track chain with 172mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs), 8' 6" (2.59m) wide hydraulically controlled dozer blade.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
130X3DZ	130 X3 DZ HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 152,560	21,598	9,797
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 22,775	3,948	1,791
B	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 23,625	4,162	1,888
C	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 21,970	3,999	1,814
D	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 18,880	3,454	1,567
E	STANDARD BOOM 15' 2" (4.63m) AND ARM 9' 11" (3.01m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 19,735	3,667	1,663
F	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 18,120	3,505	1,590
G	STANDARD BOOM 15' 2" (4.63m) ONLY (Includes boom and arm cylinders)	\$ 14,045	2,698	1,224
H	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 4,190	567	257
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86	\$ 13,465	3,556	1,613
B	27.5" (700mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86	\$ 14,930	4,220	1,914
C	20" (500mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 24,845		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 8,635		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,990		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 6,065		
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 4,760		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 5,000		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 13,635		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0NP762-00	FREE-SWING	\$ 310		
KG0NR264-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0NA225-00	DOUBLE TRACK GUIDES	\$ 830		
XEFD 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 1,250		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 5,570		
XEFD 3500A	8' 2" (2.50m) STANDARD ARM (Bare arm with bushings only)	\$ 5,405		
XEFD 3500C	6' 11" (2.11m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 4,510		
XEFD 3500B	9' 11" (3.01m) STANDARD LONG ARM (Bare arm with bushings only)	\$ 6,260		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,420	791	359
XEFC 9000B	STDP - .66 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,610	889	403

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
<b>FOB - Covington, KY</b>				
XEFC 9000C	STDP - .82 yd <sup>3</sup> (.63 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,925	1,007	457
XEFC 9000D	STDP - .98 yd <sup>3</sup> (.75 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,360	1,110	503
XE4 9005A	DITCH - .86 yd <sup>3</sup> (.66 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,410	970	440
XE4 9005B	DITCH - .96 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,260	1,040	472
XEFC 9010A	HDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,520	1,064	483
XEFC 9010B	HDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,650	1,183	537
XEFC 9010C	HDP - .81 yd <sup>3</sup> (.62 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,900	1,331	604
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XEFC 9100A	PWB - .42 yd <sup>3</sup> (.32 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,975	761	345
XEFC 9100B	PWB - .55 yd <sup>3</sup> (.42 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,660	858	389
XEFC 9100C	PWB - .68 yd <sup>3</sup> (.52 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,940	941	427
<b>COUPLERS</b>				
XEFD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 9,565	565	

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>THUMBS</b>				
<b>FOB - Bedford, PA</b>				
XEFC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 4,595		
XEFC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 10,310		
XEFC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 11,135		
XEFC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,015		
XEFC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,835		
<b>STANDARD CONFIGURATION</b>				
130X3DZ	130 X3 DZ HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$152,560.00
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)			\$22,775.00
A	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86			\$13,465.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>		<b>\$188,800.00</b>
		<b>ORDER SPEC</b>		<b>130X3DZ-AANN</b>

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 145 X3 LC

X3 Series Spin Ace Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 145X3LC)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4JJ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 100 Net HP (74.9 kW), 3.0 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 8,157 lb. (3 700 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 12' 4" (3.76m) LC long undercarriage by 6' 6" (1.99m) track gauge, Sealed and strutted track chain with 172mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
145X3LC	145 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 147,260	23,096	10,476
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 24,070	3,978	1,804
B	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 25,030	4,197	1,904
C	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 23,130	4,032	1,829
D	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 20,090	3,519	1,596
E	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 20,990	3,738	1,696
F	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 19,260	3,684	1,671
G	STANDARD BOOM 15' 2" (4.63m) ONLY (Includes boom and arm cylinders)	\$ 15,140	2,749	1,247
H	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 5,170	635	288
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
D	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 92	\$ 14,635	3,801	1,724
E	27.5" (700mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 92	\$ 16,200		
F	20" (500mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 27,400		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 8,300		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,335		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,415		
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 3,335		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 5,860		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 14,765		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN542-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN540-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,295		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,495		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,285		
KG0HR631-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 190		
KG0HR636-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 230		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0MP814-00	FREE-SWING	\$ 315		
KG0MR232-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN534-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 385		
KG0HN533-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 625		
KG0HP351-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0NA225-00	DOUBLE TRACK GUIDES	\$ 760		
XEBB 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 1,250		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 5,570		
XEBB 3500A	8' 2" (2.50m) STANDARD ARM (Bare arm with bushings only)	\$ 5,840		
XEBB 3500C	6' 11" (2.11m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 4,270		
XEBB 3500B	9' 11" (3.01m) STANDARD LONG ARM (Bare arm with bushings only)	\$ 6,565		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,420	791	359
XEFC 9000B	STDP - .66 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 4" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,610	889	403



ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
<b>FOB - Covington, KY</b>				
XEFC 9000C	STDP - .82 yd <sup>3</sup> (.63 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 4" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,925	1,007	457
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<b>THUMBS</b>				
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XEFC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,015		
XEFC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,835		
<b>STANDARD CONFIGURATION</b>				
145X3LC	145 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$147,260.00
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)			\$24,070.00
D	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 94			\$14,635.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>	<b>\$185,965.00</b>	
		<b>ORDER SPEC</b>	<b>145X3LC-ADNN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

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NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

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# 145 X3 DZ

X3 Series Spin Ace Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 145X3DZ)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4JJ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 100 Net HP (74.9 kW), 3.0 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 8,157 lb. (3 700 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 11' 6" (3.50m) regular undercarriage by 6' 6" (1.99m) track gauge, Sealed and strutted track chain with 172mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs), 8' 6" (2.59m) wide hydraulically controlled dozer blade.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
145X3DZ	145 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 161,330	24,688	11,198
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 24,070	3,978	1,804
B	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 25,030	4,197	1,904
C	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 23,130	4,032	1,829
D	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 20,090	3,519	1,596
E	STANDARD BOOM 15' 2" (4.63m) AND LONG ARM 9' 11" (3.01m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 20,990	3,738	1,696
F	STANDARD BOOM 15' 2" (4.63m) AND SHORT ARM 6' 11" (2.11m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 19,260	3,684	1,671
G	STANDARD BOOM 15' 2" (4.63m) ONLY (Includes boom and arm cylinders)	\$ 15,140	2,749	1,247
H	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 5,170	635	288
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86	\$ 13,665	3,556	1,613
B	27.5" (700mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86	\$ 16,360		
C	20" (500mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 27,675		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 8,300		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,335		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 5,415		
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 3,335		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 5,860		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 14,765		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN542-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN540-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,295		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,495		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,285		
KG0HR631-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 190		
KG0HR636-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 230		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0MP814-00	FREE-SWING	\$ 315		
KG0MR232-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN534-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 385		
KG0HN533-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 625		
KG0HP351-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0NA225-00	DOUBLE TRACK GUIDES	\$ 760		
XEBB 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 1,250		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 5,570		
XEBB 3500A	8' 2" (2.50m) STANDARD ARM (Bare arm with bushings only)	\$ 5,840		
XEBB 3500C	6' 11" (2.11m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 4,270		
XEBB 3500B	9' 11" (3.01m) STANDARD LONG ARM (Bare arm with bushings only)	\$ 6,565		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,420	791	359
XEFC 9000B	STDP - .66 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,610	889	403

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
<b>FOB - Covington, KY</b>				
XEFC 9000C	STDP - .82 yd <sup>3</sup> (.63 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,925	1,007	457
XEFC 9000D	STDP - .98 yd <sup>3</sup> (.75 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,360	1,110	503
XE4 9005A	DITCH - .86 yd <sup>3</sup> (.66 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,410	970	440
XE4 9005B	DITCH - .96 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,260	1,040	472
XEFC 9010A	HDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,520	1,064	483
XEFC 9010B	HDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,650	1,183	537
XEFC 9010C	HDP - .81 yd <sup>3</sup> (.62 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,900	1,331	604
XEFC 9010D	HDP - .97 yd <sup>3</sup> (.74 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Not Approved Note: 9' 11" Arm/Bucket Combination - Not Approved Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,220	1,390	630
XEFC 9100A	PWB - .42 yd <sup>3</sup> (.32 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,975	761	345
XEFC 9100B	PWB - .55 yd <sup>3</sup> (.42 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,660	858	389
XEFC 9100C	PWB - .68 yd <sup>3</sup> (.52 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 6' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,940	941	427
<b>COUPLERS</b>				
XEFD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 9,565	565	

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>THUMBS</b>				
<b>FOB - Bedford, PA</b>				
XEFC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 4,595		
XEFC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 10,310		
XEFC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 11,135		
XEFC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,015		
XEFC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,835		
<b>STANDARD CONFIGURATION</b>				
145X3DZ	145 X3 DZ HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$161,330.00
A	STANDARD BOOM 15' 2" (4.63m) AND ARM 8' 2" (2.50m) (Includes boom, arm and bucket cylinders; includes linkage)			\$24,070.00
A	23.6" (600mm) 3-BAR GROUSER (172mm Pitch) Shoe Quantity - 86			\$13,665.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>	<b>\$199,065.00</b>	
		<b>ORDER SPEC</b>	<b>145X3DZ-AANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 160 X3

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 160X3EX)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4JJ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 124 Net HP (92.2 kW), 3.0 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 7,538 lb. (3 419 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 13' 1" (3.99m) LC long undercarriage by 6' 6" (1.99m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately				
160X3EX	160 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 162,195	25,847	11,724
ATTACHMENT - MUST SELECT ONE ITEM				
A	STANDARD BOOM 16' 11" (5.15m) AND ARM 8' 7" (2.62m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 28,950	5,369	2,435
B	STANDARD BOOM 16' 11" (5.15m) AND LONG ARM 10' 0" (3.05m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 29,950	5,542	2,514
C	STANDARD BOOM 16' 11" (5.15m) AND ARM 8' 7" (2.62m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 24,290	4,770	2,164
D	STANDARD BOOM 16' 11" (5.15m) AND LONG ARM 10' 0" (3.05m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 25,260	4,943	2,242
E	STANDARD BOOM 16' 11" (5.15m) ONLY (Includes boom and arm cylinders)	\$ 18,575	3,738	1,696
F	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 5,695	798	362
N	NO OPTION TAKEN	IN BASE		
TRACK - MUST SELECT ONE ITEM				
A	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 88	\$ 16,140	5,287	2,398
B	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 88	\$ 17,920	6,217	2,820
N	NO OPTION TAKEN	IN BASE		
AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 9,040		
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 6,240		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 6,335		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 5,050		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 5,120		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 14,150		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0NP762-00	FREE-SWING	\$ 310		
KG0NR264-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
XEGD 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 1,920		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 6,060		
XEGD 3500A	8' 7" (2.62m) STANDARD ARM (Bare arm with bushings only)	\$ 6,270		
XEGD 3500B	10' 0" (3.05m) STANDARD LONG ARM (Bare arm with bushings only)	\$ 7,240		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b>				
<b>FOB - Covington, KY</b>				
XEGC 9000A	STDP - .58 yd <sup>3</sup> (.44 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,790	913	414
XEGC 9000B	STDP - .76 yd <sup>3</sup> (.58 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,000	1,016	461
XEGC 9000C	STDP - .95 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 5,340	1,139	517
XEGC 9000D	STDP - 1.14 yd <sup>3</sup> (.87 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 6 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 5,785	1,245	565



ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
<b>FOB - Covington, KY</b>				
XE5 9005A	DITCH - .95 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 4,640	1,050	476
XE5 9005B	DITCH - 1.06 yd <sup>3</sup> (.81 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 5,625	1,124	510
XEGC 9010A	HDP - .57 yd <sup>3</sup> (.44 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,825	1,203	546
XEGC 9010B	HDP - .76 yd <sup>3</sup> (.58 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,200	1,336	606
XEGC 9010C	HDP - .95 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,250	1,468	666
XEGC 9010D	HDP - 1.14 yd <sup>3</sup> (.87 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 6 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,805	1,510	685
XEGC 9015F	XDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,085	1,132	513
XEGC 9015G	XDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,090	1,247	566
XEGC 9015J	XDP - .81 yd <sup>3</sup> (.62 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 9,710	1,393	632
XEGC 9015K	XDP - .97 yd <sup>3</sup> (.74 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,425	1,507	684
XEGC 9015L	XDP - 1.13 yd <sup>3</sup> (.86 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Not Approved	\$ 11,005	1,610	730
XEGC 9100A	PWB - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,325	1,021	463
XEGC 9100B	PWB - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,920	1,149	521
XEGC 9100C	PWB - .81 yd <sup>3</sup> (.62 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 8' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 7,125	1,385	628
<b>COUPLERS</b>				
XEGC 9050A	Dromone Fully-Automatic Quick-Coupler (Includes Hose Kit) Note: Price does not include \$350.00 freight charge. Must order item # XKX 9050DFR for freight. Discounts do not apply to freight	\$ 9,370		
XEGD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 10,130	846	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>THUMBS</b>				
<b>FOB - Bedford, PA</b>				
XEHC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 5,110		
XEGC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 12,555		
XEGC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,610		
XEGC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 14,660		
XEGC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,695		
<b>STANDARD CONFIGURATION</b>				
160X3EX	160 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$162,195.00
A	STANDARD BOOM 16' 11" (5.15m) AND ARM 8' 7" (2.62m) (Includes boom, arm and bucket cylinders; includes linkage)			\$28,950.00
A	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 88			\$16,140.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>	<b>\$207,285.00</b>	
		<b>ORDER SPEC</b>	<b>160X3EX-AANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 210 X3

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 210X3EX)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 160 Net HP (119.3 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 9,370 lb. (4 250 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 14' 8" (4.47m) LC long undercarriage by 7' 10" (2.39m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately				
210X3EX	210 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 186,950	31,886	14,463
ATTACHMENT - MUST SELECT ONE ITEM				
A	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 36,980	6,852	3,108
B	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 34,820	6,813	3,090
C	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 30,020	6,122	2,777
D	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 29,345	6,083	2,759
E	STANDARD BOOM 18' 8" (5.70m) ONLY (Includes boom and arm cylinders)	\$ 22,730	4,680	2,123
F	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 7,515	843	382
N	NO OPTION TAKEN	IN BASE		
TRACK - MUST SELECT ONE ITEM				
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 27,185	7,504	3,404
B	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 26,755	6,889	3,125
C	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 24,450	5,938	2,693
D	23.6" (600mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 39,945	6,910	3,134
N	NO OPTION TAKEN	IN BASE		
AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 11,950		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 10,820		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,545		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,665		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 6,225		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 6,740		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 18,160		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 16,870		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG1RP535-00	FREE-SWING	\$ 310		
KG0RR728-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
WAVE	WAVE CAMERA SYSTEM (3 cameras makeup a 270-degree view)	\$ 2,110		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG1RP591-00	AIR PRE-CLEANER (Cyclone style for engine air)	\$ 535		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
XEHD 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 2,170		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 7,070		
XEHD 3500A	9' 8" (2.94m) STANDARD ARM (Bare arm with bushings only)	\$ 8,230		
XEHD 3500B	7' 10" (2.40m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 7,545		
	Steel Triangulated Side Frame Guards (welded on from factory)	Consult Sales Office		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b>				
<b>FOB - Covington, KY</b>				
XEHC 9000A	STDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,705	1,151	522
XEHC 9000B	STDP - .87 yd <sup>3</sup> (.67 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,905	1,265	574

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEHC 9000C	STDP - 1.09 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,140	1,433	650
XEHC 9000D	STDP - 1.31 yd <sup>3</sup> (1.00 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,540	1,570	712
XEHC 9000E	STDP - 1.53 yd <sup>3</sup> (1.17 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,785	1,687	765
XE6 9005A	DITCH - 1.08 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,515	1,470	667
XE6 9005B	DITCH - 1.20 yd <sup>3</sup> (.92 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 5,930	1,557	706
XE6 9005C	DITCH - 1.32 yd <sup>3</sup> (1.01 m <sup>3</sup> ) Capacity - 72" (1 829mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,345	1,635	742
XEHC 9010A	HDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,500	1,392	631
XEHC 9010B	HDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,195	1,592	722
XEHC 9010C	HDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,500	1,794	814
XEHC 9010D	HDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 7,685	1,954	886
XEHC 9010E	HDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 8,225	2,114	959
XEHC 9010F	HDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 9,245	2,276	1,032
XEHC 9015A	XDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,690	1,638	743
XEHC 9015B	XDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,000	1,878	852
XEHC 9015C	XDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,410	2,064	936
XEHC 9015D	XDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,855	2,306	1,046
XEHC 9015E	XDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,525	2,491	1,130

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
XEHC 9015F	XDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 11,295	2,732	1,239
XEHC 9100A	PWB - .61 yd <sup>3</sup> (.47 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,475	1,346	611
XEHC 9100B	PWB - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,040	1,511	685
XEHC 9100C	PWB - .99 yd <sup>3</sup> (.76 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 8,595	1,647	747
XEHC 9100D	PWB - 1.18 yd <sup>3</sup> (.90 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,240	1,814	823
XEHC 9100E	PWB - 1.38 yd <sup>3</sup> (1.06 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,885	1,950	885
<b>COUPLERS</b>				
XEHC 9050A	Dromone Fully-Automatic Quick-Coupler (Includes Hose Kit) Note: Price does not include \$350.00 freight charge. Must order item # XKX 9050DFR for freight. Discounts do not apply to freight	\$ 10,090		
XEHD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 10,310	919	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		
<b>THUMBS FOB - Bedford, PA</b>				
XEHC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 5,110		
XEHC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,475		
XEHC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 14,975		
XEHC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,795		
XEHC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,965		
<b>STANDARD CONFIGURATION</b>				
210X3EX	210 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$186,950.00
A	STANDARD BOOM 18' 8" (5.70M) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)			\$36,980.00
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98			\$27,185.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
<b>Total List Price ORDER SPEC</b>			<b>\$251,115.00 210X3EX-AANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

# 210 X3 Long-Front

X3 Series Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 210X3LF)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 160 Net HP (119.3 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Free Swing, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 11,244 lb. (5 100 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 14' 8" (4.47m) LC long undercarriage by 7' 10" (2.39m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
210X3LF	210 X3 LF LONG FRONT HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 200,830		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
L	LONG FRONT BOOM 28' 7" (8.7m) AND ARM 21' 0" (6.4m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 54,865		
M	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 7,515		
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 27,185		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt; Cannot be used with a breaker) See Note 2	\$ 6,740		
N	NO OPTION TAKEN	IN BASE		
ITEM	DESCRIPTION	PRICE	LBS	KG
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,250		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS (continued)</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0RR728-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG1RP591-00	AIR PRE-CLEANER (Cyclone style for engine air)	\$ 535		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 7,830		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth	\$ 4,420	791	359
XEFC 9000B	STDP - .66 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth	\$ 4,610	889	403
XEFC 9000C	STDP - .82 yd <sup>3</sup> (.63 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth	\$ 4,925	1,007	457
XE6 9025B	DITCH - 0.77 yd <sup>3</sup> (.59 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip	\$ 4,190	903	410
XE6 9025A	DITCH - 0.86 yd <sup>3</sup> (.66 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip	\$ 6,365	970	440
<b>STANDARD CONFIGURATION</b>				
210X3LF	210 X3 LF LONG FRONT HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$200,830.00
A	LONG FRONT BOOM 28' 7" (8.7m) AND ARM 21' 0" (6.4m) (Includes boom, arm and bucket cylinders; includes linkage)			\$54,865.00
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98			\$27,185.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
<b>Total List Price</b>			<b>\$282,880.00</b>	
<b>ORDER SPEC</b>			<b>210X3LF-LANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.



## 235 X3 LC

X3 Series Spin Ace Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 235X3LC)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 160 Net HP (119.3 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 16,975 lb. (7 700 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 14' 8" (4.47m) LC long undercarriage by 7' 10" (2.39m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
235X3LC	235 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 199,930	40,169	18,220
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 36,985		
B	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 34,820		
C	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 30,020		
D	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 29,345		
E	STANDARD BOOM 18' 8" (5.70m) ONLY (Includes boom and arm cylinders)	\$ 22,730		
F	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 7,515		
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
E	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 27,185	7,556	3,427
F	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 26,750		
G	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98	\$ 24,450		
H	23.6" (600mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 39,945		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 11,950		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 10,820		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,550		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,660		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 6,230		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 6,740		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 18,165		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 16,870		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN542-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN543-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,295		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,495		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,280		
KG0HR631-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 190		
KG0HR636-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 230		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG1RP640-00	FREE-SWING	\$ 315		
KG0RR764	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN534-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HN533-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 625		
KG0HP351-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
XECB 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 2,170		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 7,070		
XECB 3500A	9' 8" (2.94m) STANDARD ARM (Bare arm with bushings only)	\$ 8,230		
XECB 3500B	7' 10" (2.40m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 7,545		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b>				
<b>FOB - Covington, KY</b>				
XEHC 9000A	STDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,705	1,151	522
XEHC 9000B	STDP - .87 yd <sup>3</sup> (.67 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,905	1,265	574

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEHC 9000C	STDP - 1.09 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,140	1,433	650
XEHC 9000D	STDP - 1.31 yd <sup>3</sup> (1.00 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,540	1,570	712
XEHC 9000E	STDP - 1.53 yd <sup>3</sup> (1.17 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,785	1,687	765
XE6 9005A	DITCH - 1.08 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,515	1,470	667
XE6 9005B	DITCH - 1.20 yd <sup>3</sup> (.92 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 5,930	1,557	706
XE6 9005C	DITCH - 1.50 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 72" (1 829mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,345	1,635	742
XEHC 9010A	HDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,500	1,392	631
XEHC 9010B	HDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,195	1,592	722
XEHC 9010C	HDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,500	1,794	814
XEHC 9010D	HDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 7,685	1,954	886
XEHC 9010E	HDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 8,225	2,114	959
XEHC 9010F	HDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 9,245	2,276	1,032
XEHC 9015A	XDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,690	1,638	743
XEHC 9015B	XDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,000	1,878	852
XEHC 9015C	XDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,410	2,064	936
XEHC 9015D	XDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,855	2,306	1,046
XEHC 9015E	XDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,525	2,491	1,130

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
XEHC 9015F	XDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 11,295	2,732	1,239
XEHC 9100A	PWB - .61 yd <sup>3</sup> (.47 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,475	1,346	611
XEHC 9100B	PWB - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,040	1,511	685
XEHC 9100C	PWB - .99 yd <sup>3</sup> (.76 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 8,595	1,647	747
XEHC 9100D	PWB - 1.18 yd <sup>3</sup> (.90 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 9,240	1,814	823
XEHC 9100E	PWB - 1.38 yd <sup>3</sup> (1.06 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,885	1,950	885
<b>COUPLERS</b>				
XEHC 9050A	Dromone Fully-Automatic Quick-Coupler (Includes Hose Kit) Note: Price does not include \$350.00 freight charge. Must order item # XKX 9050DFR for freight. Discounts do not apply to freight	\$ 10,090		
XEHD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 10,310	919	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		
<b>THUMBS FOB - Bedford, PA</b>				
XEHC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 5,110		
XEHC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,475		
XEHC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 14,975		
XEHC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,795		
XEHC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,965		
<b>STANDARD CONFIGURATION</b>				
235X3LC	235 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$199,930.00
A	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)			\$36,985.00
E	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 98			\$27,185.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
		<b>Total List Price</b>	<b>\$264,100.00</b>	
		<b>ORDER SPEC</b>	<b>235X3LC-AENN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

## 235 X3 DZ

X3 Series Spin Ace Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 235X3DZ)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AM-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 160 Net HP (119.3 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 16,975 lb. (7 700 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 13' 8" (4.18m) regular undercarriage by 7' 2" (2.20m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs), 9' 2" (2.80m) wide hydraulically controlled dozer blade.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
235X3DZ	235 X3 DZ HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 222,145	42,657	19,349
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 36,985	6,999	3,175
B	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom, arm and bucket cylinders; includes linkage)	\$ 34,820	6,961	3,157
C	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 30,020	6,290	2,853
D	STANDARD BOOM 18' 8" (5.70m) AND SHORT ARM 7' 10" (2.40m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 29,345	6,253	2,836
E	STANDARD BOOM 18' 8" (5.70m) ONLY (Includes boom and arm cylinders)	\$ 22,730	4,854	2,202
F	WITH BOOM CYLINDERS ONLY (Less attachment)	\$ 7,515	1,021	463
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 92	\$ 25,735	5,884	2,669
B	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 92	\$ 25,240		
C	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 92	\$ 22,340		
D	23.6" (600mm) RUBBER TRACK (INDIVIDUAL MOLDED SHOES, BOLT ON RAIL)	\$ 37,500		
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 11,950		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 10,820		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM (continued)</b>				
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,545		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 7,660		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 6,230		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 6,740		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 18,165		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 16,870		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office		
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office		
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN542-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN543-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage capability for front Vandal Guard)	\$ 1,295		
KG0HN537-00	CAB FRONT GUARD - MESH (For front window only; upper section hinges)	\$ 1,495		
KG0HN535-00	CAB FRONT GUARD - BAR STYLE (For front window only; upper section hinges)	\$ 2,285		
KG0HR631-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 190		
KG0HR636-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to top of cab front guard)	\$ 230		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG1RP640-00	FREE-SWING	\$ 315		
KG0RR764	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN534-00	RAIN DEFLECTOR (Cannot be installed in combination with cab front guard)	\$ 375		
KG0HN533-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed in combination with cab front guard)	\$ 626		
KG0HP351-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
XECB 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Multi-Function and Single-Acting Auxiliary Hydraulic options)	\$ 2,170		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 7,070		
XECB 3500A	9' 8" (2.94m) STANDARD ARM (Bare arm with bushings only)	\$ 8,230		
XECB 3500B	7' 10" (2.40m) STANDARD SHORT ARM (Bare arm with bushings only)	\$ 7,545		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		
<b>ESCO BUCKETS</b>				
<b>FOB - Covington, KY</b>				
XEHC 9000A	STDP - .65 yd <sup>3</sup> (.50 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,705	1,151	522
XEHC 9000B	STDP - .87 yd <sup>3</sup> (.67 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,905	1,265	574

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEHC 9000C	STDP - 1.09 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,140	1,433	650
XEHC 9000D	STDP - 1.31 yd <sup>3</sup> (1.00 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,540	1,570	712
XEHC 9000E	STDP - 1.53 yd <sup>3</sup> (1.17 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,785	1,687	765
XE6 9005A	DITCH - 1.08 yd <sup>3</sup> (.83 m <sup>3</sup> ) Capacity - 60" (1 524mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 5,515	1,470	667
XE6 9005B	DITCH - 1.20 yd <sup>3</sup> (.92 m <sup>3</sup> ) Capacity - 66" (1 676mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 5,930	1,557	706
XE6 9005C	DITCH - 1.50 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 72" (1 829mm) Width Outside Lip Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 6,345	1,635	742
XEHC 9010A	HDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 6,500	1,392	631
XEHC 9010B	HDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,195	1,592	722
XEHC 9010C	HDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,500	1,794	814
XEHC 9010D	HDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 7,685	1,954	886
XEHC 9010E	HDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 8,225	2,114	959
XEHC 9010F	HDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 9,245	2,276	1,032
XEHC 9015A	XDP - .64 yd <sup>3</sup> (.49 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,690	1,638	743
XEHC 9015B	XDP - .85 yd <sup>3</sup> (.65 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,000	1,878	852
XEHC 9015C	XDP - 1.07 yd <sup>3</sup> (.82 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,410	2,064	936
XEHC 9015D	XDP - 1.29 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,855	2,306	1,046
XEHC 9015E	XDP - 1.51 yd <sup>3</sup> (1.15 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,525	2,491	1,130

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
XEHC 9015F	XDP - 1.72 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 54" (1 372mm) Width Outside Lip - 6 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Not Approved	\$ 11,295	2,732	1,239
XEHC 9100A	PWB - .61 yd <sup>3</sup> (.47 m <sup>3</sup> ) Capacity - 24" (610mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,475	1,346	611
XEHC 9100B	PWB - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,040	1,511	685
XEHC 9100C	PWB - .99 yd <sup>3</sup> (.76 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 8,595	1,647	747
XEHC 9100D	PWB - 1.18 yd <sup>3</sup> (.90 m <sup>3</sup> ) Capacity - 42" (1 067mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 9,240	1,814	823
XEHC 9100E	PWB - 1.38 yd <sup>3</sup> (1.06 m <sup>3</sup> ) Capacity - 48" (1 219mm) Width Outside Lip - 5 Teeth Note: 7' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,885	1,950	885
<b>COUPLERS</b>				
XEHC 9050A	Dromone Fully-Automatic Quick-Coupler (Includes Hose Kit) Note: Price does not include \$350.00 freight charge. Must order item # XKX 9050DFR for freight. Discounts do not apply to freight	\$ 10,090		
XEHD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 10,310	919	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		
<b>THUMBS FOB - Bedford, PA</b>				
XEHC 9070A	Esco Universal Mechanical Thumb; See Note 3, See Note 4	\$ 5,110		
XEHC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,475		
XEHC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 14,975		
XEHC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,795		
XEHC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,965		
<b>STANDARD CONFIGURATION</b>				
235X3DZ	235 X3 DZ HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$222,145.00
A	STANDARD BOOM 18' 8" (5.70m) AND ARM 9' 8" (2.94m) (Includes boom, arm and bucket cylinders; includes linkage)			\$36,985.00
C	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 92			\$22,340.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
<b>Total List Price ORDER SPEC</b>			<b>\$281,470.00 235X3DZ-ACNN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.



# 250 X3

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 250X3EX)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AL-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 11,905 lb. (5 400 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 15' 3" (4.65m) LC long undercarriage by 8' 6" (2.60m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
250X3EX	250 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 239,820	37,224	16,884
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	9' 10" (3.00m) ARM AND 19' 2" (5.85m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 47,100	8,274	3,753
B	11' 7" (3.52m) ARM AND 19' 2" (5.85m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 48,575	8,517	3,863
C	8' 2" (2.50m) ARM AND 19' 2" (5.85m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 46,790	8,224	3,730
D	9' 10" (3.00m) ARM AND 19' 2" (5.85m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 39,250	7,343	3,331
E	11' 7" (3.52m) ARM AND 19' 2" (5.85m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 40,735	7,584	3,440
F	8' 2" (2.50m) ARM AND 19' 2" (5.85m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 38,945	7,290	3,307
G	19' 2" (5.85m) BOOM (Includes boom and arm cylinders)	\$ 30,490	5,684	2,578
H	BOOM CYLINDERS ONLY	\$ 8,475	1,048	475
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$ 30,620	7,862	3,566
B	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$ 29,045	7,209	3,270
C	23.6" (600mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$ 27,500	6,581	2,985
N	NO OPTION TAKEN	IN BASE		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 12,830		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 11,645		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 8,240		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 8,365		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 6,505		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 6,090		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 18,920		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 17,735		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	24,702	11,205
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office	12,756	5,786
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
XEID 3500A	9' 10" (3.00m) BARE ARM (With bushings)	\$ 9,800	1,659	752
XEID 3500B	11' 7" (3.52m) BARE ARM (With bushings)	\$ 11,300	1,900	862
XEID 3500C	8' 2" (2.50m) BARE ARM (With bushings)	\$ 9,500	1,606	729
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only, upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only, upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to cab front guard)	\$ 250		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG1RP535-00	FREE-SWING	\$ 310		
KG0RR728-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG1RP591-00	AIR PRE-CLEANER (Cyclone style for engine air)	\$ 535		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
XEID 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Auxiliary Hydraulic options)	\$ 2,880		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 7,580		

**ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT**

KG0HP298-00

RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)

Consult  
Parts Dept

**ESCO BUCKETS  
FOB - Covington, KY**

XEIC 9000K	STDP - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$	7,205	1,202	545
XEIC 9000L	STDP - 1.06 yd <sup>3</sup> (.81 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$	7,615	1,334	605
XEIC 9000M	STDP - 1.33 yd <sup>3</sup> (1.02 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$	7,960	1,468	666
XEIC 9000N	STDP - 1.61 yd <sup>3</sup> (1.23 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$	8,680	1,572	713
XEIC 9000O	STDP - 1.89 yd <sup>3</sup> (1.45 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$	8,925	1,866	846
XEIC 9000P	STDP - 2.16 yd <sup>3</sup> (1.65 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Not Approved	\$	9,285	1,866	846
XEIC 9000Q	STDP - 2.43 yd <sup>3</sup> (1.86 m <sup>3</sup> ) Capacity - 60" (1524mm) Width - 6 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Not Approved Note: 11' 7" Arm/Bucket Combination - Not Approved	\$	10,010	1,968	893
XE7 9005A	DITCH - 1.30 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$	7,945	1,767	801
XE7 9005B	DITCH - 1.45 yd <sup>3</sup> (1.11 m <sup>3</sup> ) Capacity - 66" (1676mm) Width Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$	8,500	1,928	875
XEIC 9010J	HDP - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$	8,015	1,564	709
XEIC 9010K	HDP - 1.06 yd <sup>3</sup> (.81 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$	8,380	1,776	806
XEIC 9010L	HDP - 1.33 yd <sup>3</sup> (1.02 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$	8,815	1,936	878

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEIC 9010M	HDP - 1.61 yd <sup>3</sup> (1.23 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,655	2,151	976
XEIC 9010N	HDP - 1.89 yd <sup>3</sup> (1.45 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,160	2,310	1048
XEIC 9010O	HDP - 2.16 yd <sup>3</sup> (1.65 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Not Approved	\$ 10,445	2,520	1143
XEIC 9015J	XDP - .79 yd <sup>3</sup> (.60 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 11,410	2,316	1051
XEIC 9015K	XDP - 1.05 yd <sup>3</sup> (.80 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 12,370	2,635	1195
XEIC 9015L	XDP - 1.32 yd <sup>3</sup> (1.01 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 13,240	2,874	1304
XEIC 9015M	XDP - 1.59 yd <sup>3</sup> (1.22 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 14,465	3,194	1449
XEIC 9015N	XDP - 1.87 yd <sup>3</sup> (1.43 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Not Approved	\$ 15,025	3,433	1557
XEIC 9015O	XDP - 2.15 yd <sup>3</sup> (1.64 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Not Approved Note: 11' 7" Arm/Bucket Combination - Not Approved	\$ 16,930	3,565	1617
XEIC 9100A	PWB - .76 yd <sup>3</sup> (.58 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,025	1,925	873
XEIC 9100B	PWB - .98 yd <sup>3</sup> (.75 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,340	2,083	945
XEIC 9100C	PWB - 1.21 yd <sup>3</sup> (.93 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,750	2,292	1040

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEIC 9100D	PWB - 1.44 yd <sup>3</sup> (1.10 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 10,220	2,452	1112
XEIC 9100E	PWB - 1.68 yd <sup>3</sup> (1.28 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 2" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 11' 7" Arm/Bucket Combination - Not Approved Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 11,075	2,609	1183
<b>COUPLERS</b>				
XEIC 9050A	DROMONE FULLY-AUTOMATIC QUICK COUPLER (Includes Hose Kit) Note: FOB - Vancouver BC Canada; See Note 3	\$ 12,145		
XEID 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 11,980	1330	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		
<b>THUMBS</b> <b>FOB - Bedford, PA</b>				
XEHC 9070A	ESCO UNIVERSAL MECHANICAL THUMB; See Note 3, See Note 4	\$ 5,110		
XEIC 9070B	ESCO HYDRAULIC DIRECT-LINK THUMB (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,860		
XEIC 9070C	ESCO HYDRAULIC DIRECT-LINK THUMB <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,040		
XEIC 9070D	ESCO HYDRAULIC PROGRESSIVE-LINK THUMB (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,965		
XEIC 9070E	ESCO HYDRAULIC PROGRESSIVE-LINK THUMB <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 18,260		
<b>STANDARD CONFIGURATION</b>				
250X3EX	250 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$239,820.00
A	9' 10" (3.00m) ARM AND 19' 2" (5.85m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)			\$47,100.00
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102			\$30,620.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
<b>Total List Price</b>			<b>\$317,540.00</b>	
<b>ORDER SPEC</b>			<b>250X3EX-AANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

## 250 X3 LONG FRONT

### X3 Series Crawler Excavator

#### BASE MACHINE DESCRIPTION (ITEM 250X3LF)

**OPERATOR CONTROL STATION** - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

**CONTROL SYSTEM** - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

**ENGINE** - EPA Certified Tier 4A Isuzu AL-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

**HYDRAULICS** - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Free Swing, Boom and arm holding valves, 6 micron return filter, Firewall.

**UPPERSTRUCTURE** - 16,535 lb. (7 500 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

**UNDERCARRIAGE** - X Pattern carbody with 15' 3" (4.65m) LC long undercarriage by 8' 6" (2.60m) track gauge, Sealed and strutted track chain with 190mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately				
250X3LF	250 X3 LF LONG FRONT HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE; FOB - PORT OF ENTRY	\$ 255,160	41,920	19,014
ATTACHMENT - MUST SELECT ONE ITEM				
L	26' 3" (8.0m) LONG FRONT ARM AND 33' 10" (10.3m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 76,620	11,378	5,161
M	BOOM CYLINDERS ONLY	\$ 8,475	1,012	459
N	NO OPTION TAKEN	IN BASE		
TRACK - MUST SELECT ONE ITEM				
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$ 30,615	7,862	3,566
B	27.5" (700mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$ 29,040	7,209	3,270
N	NO OPTION TAKEN	IN BASE		
AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM				
A	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt; Cannot be used with a breaker) See Note 2	\$ 8,565		
N	NO OPTION TAKEN	IN BASE		
UPPER ONLY - MUST SELECT ONE ITEM				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	29,398	13,335
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office	12,823	5,816
N	NO OPTION TAKEN	IN BASE		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>FACTORY-INSTALLED ACCESSORIES</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window, stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only, upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only, upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0RR728-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG1RP591-00	AIR PRE-CLEANER (Cyclone style for engine air)	\$ 535		
KG0RA586-00	TRIPLE TRACK GUIDES	\$ 1,290		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 8,340		
For components to convert LF to standard excavator, contact Sales Office				
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Consult Parts Dept		
<b>ESCO BUCKETS</b>				
<b>FOB - Covington, KY</b>				
XEFC 9000A	STDP - .50 yd <sup>3</sup> (.38 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 4 Teeth Note: 26' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 4,420	791	359
XE6 9025A	DITCH - .86 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Note: 26' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 6,365	970	440
XEID 9025A	DITCH - .86 yd <sup>3</sup> (.73 m <sup>3</sup> ) Capacity - 60" (1524mm) Width with Bolt-On Cutting Edges Note: 26' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 7,375		
<b>SHIPPING INSTRUCTIONS</b>				
XK4 9500A	PREPARATION FOR RAIL SHIPMENT	\$ 2,900		
XK4 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT Note: MACHINE SHIPS WITH MULTI-VISCOSITY ISO VG 46 HYDRAULIC OIL ONLY. IF THE WORKING ENVIRONMENT OF THE MACHINE REQUIRES OTHER THAN ISO VG 46 HYDRAULIC OIL, IT IS THE DISTRIBUTOR'S/CUSTOMER'S RESPONSIBILITY TO SUPPLY AND INSTALL Note: PRICE INCLUDES MACHINE DISMANTLING AS NECESSARY, BUT NOT MAJOR UPPER DISASSEMBLY, PROTECTION FOR WINDOWS; RUST PROTECTION FOR UNFINISHED SURFACES; PACKAGING, SKIDDING, OR BOXING LOOSE OR DISASSEMBLED PARTS OR COMPONENTS AND MARKING FOR EXPORT. CONSULT SALES OFFICE FOR QUOTATION IF ADDITIONAL DISASSEMBLY OR BOXING OF UPPER OR LOWER IS REQUIRED.	\$ 2,900		

STANDARD CONFIGURATION		
250X3LF	250 X3 LONG FRONT HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$255,160.00
L	26' 3" (8.0m) LONG FRONT ARM AND 33' 10" (10.3m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$76,620.00
A	31.5" (800mm) 3-BAR GROUSER (190mm Pitch) Shoe Quantity - 102	\$30,615.00
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
Total List Price ORDER SPEC		<b>\$362,395.00</b> <b>250X3LF-LANN</b>

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Conversion of Long-Front to excavator requires a lighter counterweight.



# 300 X3

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 300X3EX)

OPERATOR CONTROL STATION - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

CONTROL SYSTEM - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

ENGINE - EPA Certified Tier 4A Isuzu AL-6HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 207 Net HP (154 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

HYDRAULICS - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

UPPERSTRUCTURE - 11,684 lb. (5 300 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

UNDERCARRIAGE - X Pattern carbody with 15' 11" (4.85m) LC long undercarriage by 8' 6" (2.60m) track gauge, Sealed and strutted track chain with 203mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
300X3EX	300 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 278,100	44,460	20,167
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	10' 5" (3.18m) ARM AND 20' 2" (6.15m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 49,465	9,708	4,403
B	12' 0" (3.66m) ARM AND 20' 2" (6.15m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 50,260	9,996	4,534
C	8' 8" (2.65m) ARM AND 20' 2" (6.15m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$ 49,410	9,480	4,300
D	10' 5" (3.18m) ARM AND 20' 2" (6.15m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 42,150	8,642	3,920
E	12' 0" (3.66m) ARM AND 20' 2" (6.15m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 42,950	8,930	4,050
F	8' 8" (2.65m) ARM AND 20' 2" (6.15m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 42,090	8,414	3,816
G	20' 2" (6.15m) BOOM (Includes boom and arm cylinders)	\$ 32,955	6,710	3,044
H	BOOM CYLINDERS ONLY	\$ 10,100	1,248	566
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	31.5" (800mm) 3-BAR GROUSER (203mm Pitch) Shoe Quantity - 100	\$ 34,840	9,722	4,410
B	27.5" (700mm) 3-BAR GROUSER (203mm Pitch) Shoe Quantity - 100	\$ 34,250	8,995	4,080
N	NO OPTION TAKEN	IN BASE		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 13,260		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 11,970		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 8,880		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 9,015		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 6,555		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 6,175		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 20,380		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 19,090		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	26,873	12,189
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office	15,147	6,871
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
XEJD 3500A	10' 5" (3.18m) BARE ARM (With bushings)	\$ 10,120	1,932	876
XEJD 3500B	12' 0" (3.66m) BARE ARM (With bushings)	\$ 10,890	2,220	1,007
XEJD 3500C	8' 8" (2.65m) BARE ARM (With bushings)	\$ 10,050	1,704	773
KG0HN463-00	VANDAL GUARD (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only, upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only, upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0BP995-00	FREE-SWING	\$ 310		
KG0BR282-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
PRE CLNR	AIR PRE-CLEANER (Cyclone style for engine air)	\$ 1,110		
KG0BA311-00	TRIPLE TRACK GUIDES	\$ 2,285		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 8,340		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS (continued)</b> <b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
XEJD 3530B	HD BUCKET LINKAGE (For use in severe applications; Included as standard equipment with factory Auxiliary Hydraulic options)	\$ 3,210		
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Consult Parts Dept		
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XEIC 9000K	STDP - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,205	1,202	545
XEIC 9000L	STDP - 1.06 yd <sup>3</sup> (.81 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,615	1,334	605
XEIC 9000M	STDP - 1.33 yd <sup>3</sup> (1.02 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,960	1,468	666
XEIC 9000N	STDP - 1.61 yd <sup>3</sup> (1.23 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 8,680	1,572	713
XEIC 9000O	STDP - 1.89 yd <sup>3</sup> (1.45 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 8,925	1,866	846
XEIC 9000P	STDP - 2.16 yd <sup>3</sup> (1.65 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,285	1,866	846
XEIC 9000Q	STDP - 2.43 yd <sup>3</sup> (1.86 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Outside Lip - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Not Approved	\$ 10,010	1,968	893
XE7 9005A	DITCH - 1.30 yd <sup>3</sup> (.99 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 7,945	1,767	801
XE7 9005B	DITCH - 1.45 yd <sup>3</sup> (1.11 m <sup>3</sup> ) Capacity - 66" (1676mm) Width Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,500	1,928	875
XEIC 9010J	HDP - .80 yd <sup>3</sup> (.61 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,015	1,564	709

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEIC 9010K	HDP - 1.06 yd <sup>3</sup> (.81 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,380	1,776	806
XEIC 9010L	HDP - 1.33 yd <sup>3</sup> (1.02 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 8,815	1,936	878
XEIC 9010M	HDP - 1.61 yd <sup>3</sup> (1.23 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 9,655	2,151	976
XEIC 9010N	HDP - 1.89 yd <sup>3</sup> (1.45 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,160	2,310	1048
XEIC 9010O	HDP - 2.16 yd <sup>3</sup> (1.65 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 10,445	2,520	1143
XEIC 9010P	HDP - 2.43 yd <sup>3</sup> (1.86 m <sup>3</sup> ) Capacity - 60" (1524mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Not Approved	\$ 11,390	2,615	1186
XEIC 9015J	XDP - .79 yd <sup>3</sup> (.60 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 11,410	2,316	1051
XEIC 9015K	XDP - 1.05 yd <sup>3</sup> (.80 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 12,370	2,635	1195
XEIC 9015L	XDP - 1.32 yd <sup>3</sup> (1.01 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 13,240	2,874	1304
XEIC 9015M	XDP - 1.59 yd <sup>3</sup> (1.22 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 14,465	3,194	1449
XEIC 9015N	XDP - 1.87 yd <sup>3</sup> (1.43 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 15,025	3,433	1557
XEIC 9015O	XDP - 2.15 yd <sup>3</sup> (1.64 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Not Approved	\$ 16,930	3,565	1617
XEIC 9015P	XDP - 2.43 yd <sup>3</sup> (1.86 m <sup>3</sup> ) Capacity - 60" (1524mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Not Approved	\$ 17,500	3,786	1717

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEIC 9100A	PWB - .76 yd <sup>3</sup> (.58 m <sup>3</sup> ) Capacity - 24" (610mm) Width - 3 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,025	1,925	873
XEIC 9100B	PWB - .98 yd <sup>3</sup> (.75 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,340	2,083	945
XEIC 9100C	PWB - 1.21 yd <sup>3</sup> (.93 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 9,750	2,292	1040
XEIC 9100D	PWB - 1.44 yd <sup>3</sup> (1.10 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 10,220	2,452	1112
XEIC 9100E	PWB - 1.68 yd <sup>3</sup> (1.28 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 11,075	2,609	1183
XEIC 9100F	PWB - 1.91 yd <sup>3</sup> (1.46 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 12' 0" Arm/Bucket Combination - Not Approved Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 12,170	2,820	1279
<b>COUPLERS</b>				
XEIC 9050A	DROMONE FULLY-AUTOMATIC QUICK COUPLER (Includes Hose Kit) Note: FOB - Vancouver BC Canada; See Note 3	\$ 12,145		
XEID 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 11,980	1330	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		
<b>THUMBS</b> <b>FOB - Bedford, PA</b>				
XEHC 9070A	ESCO UNIVERSAL MECHANICAL THUMB; See Note 3, See Note 4	\$ 5,110		
XEIC 9070B	ESCO HYDRAULIC DIRECT-LINK THUMB (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 13,860		
XEIC 9070C	ESCO HYDRAULIC DIRECT-LINK THUMB <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,040		
XEIC 9070D	ESCO HYDRAULIC PROGRESSIVE-LINK THUMB (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,965		
XEIC 9070E	ESCO HYDRAULIC PROGRESSIVE-LINK THUMB <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 18,260		

STANDARD CONFIGURATION		
300X3EX	300 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$278,100.00
A	10' 5" (3.18m) ARM AND 20' 2" (6.15m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)	\$49,465.00
A	31.5" (800mm) 3-BAR GROUSER (203mm Pitch) Shoe Quantity - 100	\$34,840.00
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
<b>Total List Price ORDER SPEC</b>		<b>\$362,405.00 300X3EX-AANN</b>

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 350 X3

## X3 Series Crawler Excavator

### BASE MACHINE DESCRIPTION (ITEM 350X3EX)

OPERATOR CONTROL STATION - ROPS certified cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

CONTROL SYSTEM - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

ENGINE - EPA Certified Tier 4A Isuzu AL-6HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 266 Net HP (198 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Cyclone air pre-cleaner, Double element air filter.

HYDRAULICS - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

UPPERSTRUCTURE - 16,314 lb. (7 400 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

UNDERCARRIAGE - X Pattern carbody with 16' 4" (4.98m) LC long undercarriage by 8' 6" (2.60m) track gauge, Sealed and strutted track chain with 216mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
350X3EX	350 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY	\$ 302,780	80,028	36,300
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	10' 8" (3.25m) ARM AND 21' 2" (6.45m) BOOM (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 65,870	10,871	4,931
B	13' 3" (4.04m) ARM AND 21' 2" (6.45m) BOOM (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 69,230	11,609	5,266
C	8' 8" (2.63m) ARM AND 21' 2" (6.45m) BOOM (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 65,985	11,113	5,041
D	10' 8" (3.25m) ARM AND 21' 2" (6.45m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 53,670	9,438	4,281
E	13' 3" (4.04m) ARM AND 21' 2" (6.45m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 57,045	10,177	4,616
F	8' 8" (2.63m) ARM AND 21' 2" (6.45m) BOOM (Includes boom and arm cylinders) (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 53,795	9,652	4,378
G	21' 2" (6.45m) BOOM (Includes boom and arm cylinders)	\$ 40,520	6,986	3,169
H	BOOM CYLINDERS ONLY	\$ 10,695	14,861	674
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	31.5" (800mm) 3-BAR GROUSER (216mm Pitch) Shoe Quantity - 96	\$ 35,255	11,615	5,268
B	27.5" (700mm) 2-BAR GROUSER (216mm Pitch) Shoe Quantity - 96 See Note 1	\$ 33,780	10,684	4,846
C	33.5" (850mm) 3-BAR GROUSER (216mm Pitch) Shoe Quantity - 96 See Note 1	\$ 36,080	12,059	5,470
N	NO OPTION TAKEN	IN BASE		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Pressure and Flow can be adjusted from inside the cab) See Note 2	\$ 14,645		
B	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 13,450		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 9,655		
D	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 9,880		
E	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 7,215		
F	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 7,670		
G	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS WITH IN-CAB PRESSURE CONTROL FOR MFH (Joystick activated; Pressure and Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 21,725		
H	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 20,580		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	34,608	15,698
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office	18,255	8,280
N	NO OPTION TAKEN	IN BASE		
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
XEKD 3500A	10' 8" (3.25m) BARE ARM (With bushings)	\$ 14,730	2,452	1,112
XEKD 3500B	13' 3" (4.04m) BARE ARM (With bushings)	\$ 18,095	3,191	1,447
XEKD 3500C	8' 8" (2.63m) BARE ARM (With bushings)	\$ 14,850	2,666	1,210
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN489-00	CAB HEAD GUARD - FOPS LEVEL II (Includes storage for front Vandal Guard)	\$ 1,290		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window only, upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only, upper section hinges)	\$ 2,250		
KG0HR581-00	CAB LIGHTS (2 Exterior cab lights; mounts to top of cab front)	\$ 230		
KG0HR583-00	CAB LIGHTS FOR CAB GUARD (2 Exterior cab lights; mounts to cab front guard)	\$ 255		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0SP746-00	FREE-SWING	\$ 310		
KG0SR329-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HN504-00	RAIN DEFLECTOR (Cannot be installed with cab front guard)	\$ 375		
KG0HR582-00	RAIN DEFLECTOR WITH LIGHTS (Cannot be installed with cab front guard)	\$ 615		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
XEKD 2930A	CATWALKS (Bolt-on)	\$ 2,770		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 8,650		



ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Consult Parts Dept		
<b>ESCO BUCKETS FOB - Covington, KY</b>				
XEKC 9000A	STDP - 1.26 yd <sup>3</sup> (.96 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 9,860	2,306	1,046
XEKC 9000B	STDP - 1.59 yd <sup>3</sup> (1.22 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 10,215	2,516	1,141
XEKC 9000C	STDP - 1.92 yd <sup>3</sup> (1.47 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 11,115	2,786	1,264
XEKC 9000D	STDP - 2.25 yd <sup>3</sup> (1.72 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 11,570	2,956	1,341
XEKC 9000E	STDP - 2.59 yd <sup>3</sup> (1.98 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 12,055	3,226	1,463
XEKC 9000F	STDP - 2.93 yd <sup>3</sup> (2.24 m <sup>3</sup> ) Capacity - 60" (1524mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Not Approved	\$ 13,340	3,396	1,540
XK6 9005B	DITCH - 2.20 yd <sup>3</sup> (1.68 m <sup>3</sup> ) Capacity - 72" (1829mm) Width Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 9,115	2,971	1,348
XEKC 9010A	HDP - 1.22 yd <sup>3</sup> (.93 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 12,120	2,886	1,309
XEKC 9010B	HDP - 1.54 yd <sup>3</sup> (1.18 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 12,410	3,131	1,420
XEKC 9010C	HDP - 1.86 yd <sup>3</sup> (1.42 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 13,030	3,459	1,569
XEKC 9010D	HDP - 2.19 yd <sup>3</sup> (1.67 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 14,020	3,704	1,680
XEKC 9010E	HDP - 2.53 yd <sup>3</sup> (1.93 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 14,930	4,031	1,828

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b> <b>FOB - Covington, KY</b>				
XEKC 9015C	XDP - 1.22 yd <sup>3</sup> (.93 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 14,960	3,327	1,509
XEKC 9015D	XDP - 1.54 yd <sup>3</sup> (1.18 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 15,760	3,620	1,642
XEKC 9015E	XDP - 1.86 yd <sup>3</sup> (1.42 m <sup>3</sup> ) Capacity - 42" (1066mm) Width Outside Lip - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 16,455	3,994	1,812
XEKC 9015F	XDP - 2.19 yd <sup>3</sup> (1.67 m <sup>3</sup> ) Capacity - 48" (1219mm) Width Outside Lip - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 16,890	4,287	1,945
XEKC 9100A	PWB - 1.08 yd <sup>3</sup> (.76 m <sup>3</sup> ) Capacity - 30" (762mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 10,660	2,185	991
XEKC 9100B	PWB - 1.35 yd <sup>3</sup> (.96 m <sup>3</sup> ) Capacity - 36" (914mm) Width - 4 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 11,600	2,412	1,094
XEKC 9100C	PWB - 1.62 yd <sup>3</sup> (1.16 m <sup>3</sup> ) Capacity - 42" (1067mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 12,405	2,584	1,172
XEXX 9100D	PWB - 1.90 yd <sup>3</sup> (1.37 m <sup>3</sup> ) Capacity - 48" (1219mm) Width - 5 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 13,305	2,754	1,249
XEKC 9100E	PWB - 2.18 yd <sup>3</sup> (1.59 m <sup>3</sup> ) Capacity - 54" (1372mm) Width - 6 Teeth Note: 8' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 10' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 3" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: Power Buckets must be used with the Esco Multi-Pin Grabber Coupler	\$ 13,930	2,981	1,352
<b>COUPLERS</b>				
XEKC 9050A	DROMONE FULLY-AUTOMATIC QUICK COUPLER (Includes Hose Kit) Note: FOB - Vancouver BC Canada; See Note 3	\$ 12,450		
XEKD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 13,620	1683	
XKX 9050DFR	Freight for Dromone Automatic Quick-Coupler	\$ 350		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>THUMBS</b> <b>FOB - Bedford, PA</b>				
XEKC 9070A	ESCO UNIVERSAL MECHANICAL THUMB; 3-TINE (For use with buckets equipped with 4 or 6 teeth) See Note 3, See Note 4	\$ 7,175		
XEKC 9070F	ESCO UNIVERSAL MECHANICAL THUMB; 4-TINE (For use with buckets equipped with 4 or 6 teeth) See Note 3, See Note 4	\$ 7,305		
XEKC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 15,460		
XEKC 9070C	Esco Hydraulic Direct-Link Thumb, Coupler Version (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 16,800		
XEKC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 18,725		
XEKC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 20,185		
<b>STANDARD CONFIGURATION</b>				
350X3EX	350 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE FOB - PORT OF ENTRY			\$302,780.00
A	10' 8" (3.25m) ARM AND 21' 2" (6.45m) BOOM (Includes boom, arm and bucket cylinders; includes linkage)			\$65,870.00
A	31.5" (800mm) 3-BAR GROUSER (216mm Pitch) Shoe Quantity - 96			\$35,255.00
N	NO OPTION TAKEN			IN BASE
N	NO OPTION TAKEN			IN BASE
<b>Total List Price</b> <b>ORDER SPEC</b>			<b>\$403,905.00</b> <b>350X3EX-AANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

Heavy-Duty Bucket Linkage is recommended when adding a thumb to a machine. Machines ordered with Auxiliary Hydraulics come equipped with Heavy-Duty Linkage. Heavy-Duty Bucket Linkage is recommended for machines with field-installed auxiliary hydraulics and should be ordered through the Parts Department.

# 470 X3

X3 Series Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 470X3EX)

OPERATOR CONTROL STATION - ROPS Cab with climate control A/C and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort joysticks pre-wired for auxiliary hydraulics, Control pattern changer, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrails, Mirrors, Exterior cab lights (2), Side-entry cab filter, Battery Disconnect Switch, Spare parts kit.

CONTROL SYSTEM - Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto-power boost, Neutral safety start, Gate-lock safety shutoff.

ENGINE - EPA Certified Tier 4A Isuzu AL-6UZ1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 362 Net HP (270 kW) without fan pump, 329 Net HP (245 kW) with fan pump, 9.8 Liter displacement, 6-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Reversible cooling fan, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Cyclone air pre-cleaner, Double element air filter.

HYDRAULICS - Open-center system, Two variable-displacement axial-piston pumps and one gear pump for pilot controls, Main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Oil cooler, Auto-power boost, Boom and arm holding valves, 6 micron return filter, Firewall.

UPPERSTRUCTURE - 22,046 lb. (10 000 kg) counterweight, Upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Catwalks, Handrail.

FIXED-FRAME UNDERCARRIAGE - X-Pattern carbody with 17' 11" (5.45m) LC long undercarriage by 9' 0" (2.75m) track gauge, Sealed and strutted track chain with 228mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

or

EXPANDABLE-FRAME UNDERCARRIAGE - H-Pattern carbody with 17' 11" (5.45m) LC Long undercarriage by 7' 10" to 9' 6" (2.39m to 2.89m) track gauge, Mechanically expandable, Sealed and strutted track chain with 228mm pitch, Sealed rollers and idlers, Two speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan, 4 lashing points (tie downs).

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
470X3EX	470 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE (Fixed-frame lower) FOB - PORT OF ENTRY	\$ 451,745	73,017	33,120
470X3 R/E	470 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE (Expandable-frame lower) FOB - PORT OF ENTRY	\$ 479,930	76,184	34,556
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	STANDARD BOOM 22' 11" (6.98m) AND ARM 13' 1" (4.00m) (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 96,930	17,085	7,750
B	STANDARD BOOM 22' 11" (6.98m) AND ARM 11' 1" (3.38m) (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 94,930	17,074	7,745
C	STANDARD BOOM 22' 11" (6.98m) AND ARM 15' 11" (4.85m) (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 98,720	17,817	8,082
D	STANDARD BOOM 22' 11" (6.98m) AND ARM 8' 4" (2.53m) (Includes boom, arm and bucket cylinders; includes heavy-duty linkage)	\$ 96,045	16,608	7,533
E	LESS COMPLETE ATTACHMENT	IN BASE		
F	LESS COMPLETE ATTACHMENT, WITH BOOM CYLINDERS	\$ 17,295	2,114	959
G	STANDARD BOOM 22' 11" (6.98m) AND STANDARD ARM 13' 1" (4.00m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 81,065	15,154	6,874
H	STANDARD BOOM 22' 11" (6.98m) AND ARM 11' 1" (3.38m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 80,375	15,143	6,869
I	STANDARD BOOM 22' 11" (6.98m) AND ARM 15' 11" (4.85m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 82,860	15,884	7,205
J	STANDARD BOOM 22' 11" (6.98m) AND ARM 8' 4" (2.53m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage)	\$ 80,180	14,677	6,657
K	STANDARD BOOM 22' 11" (6.98m) (Includes boom, arm cylinders, bucket cylinder and linkage)	\$ 60,035	13,236	6,004
L	STANDARD BOOM 22' 11" (6.98m) ONLY (Includes boom and arm cylinders)	\$ 59,445	11,305	5,128

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ATTACHMENT - MUST SELECT ONE ITEM (continued)</b>				
M	MASS-EX BOOM 21' 6" (6.55m) AND HEAVY-DUTY ARM 8' 4" (2.53m) (Includes boom, arm and bucket cylinders; includes heavy-duty linkage) (For use in severe applications such as demolition and quarry/mining)	Consult Sales Office	17,748	8,050
O	MASS-EX BOOM 21' 6" (6.55m) AND HEAVY-DUTY ARM 8' 4" (2.53m) (Includes boom and arm cylinders); (Does <b>NOT</b> include bucket cylinder and linkage) (For use in severe applications such as demolition and quarry/mining)	Consult Sales Office	15,761	7,149
P	MASS-EX BOOM 21' 6" (6.55m) ONLY (Includes boom and arm cylinders)	Consult Sales Office	12,235	5,550
N	NO OPTION TAKEN	IN BASE		
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	35.5" (900mm) 3-BAR GROUSER (228mm Pitch) Shoe Quantity - 100	\$ 39,410	14,702	6,669
B	29.5" (750mm) 3-BAR GROUSER (222mm Pitch) Shoe Quantity - 100 See Note 1	\$ 36,970	13,071	5,929
N	NO OPTION TAKEN	IN BASE		
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
A	MULTI-FUNCTION AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow for operating grapples and crushers; switchable to single-acting flow for hammers, etc.; Only Flow can be adjusted from inside the cab) See Note 2	\$ 13,870		
B	SINGLE-ACTING AUXILIARY HYDRAULICS (Joystick activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	\$ 10,320		
C	SINGLE-ACTING AUXILIARY HYDRAULICS (Pedal activated; Provides single-acting flow to operate hammers, etc.; Flow can be adjusted from inside the cab) See Note 2	Consult Sales Office		
D	THUMB AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting flow to end of boom for operating hydraulic thumbs; Flow can be adjusted from inside the cab) See Note 2	\$ 7,715		
E	SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Provides double-acting low-flow to end of boom for rotation or tilt) See Note 2	\$ 10,020		
F	COMBINATION MULTI-FUNCTION AND SECONDARY AUXILIARY HYDRAULICS (Joystick activated; Only Flow for MFH can be adjusted from inside the cab) See Note 2	\$ 23,890		
N	NO OPTION TAKEN	IN BASE		
<b>UPPER ONLY - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	46,591	21,133
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office	24,497	11,112
N	NO OPTION TAKEN	IN BASE		
<b>OTHER - MUST SELECT ONE ITEM</b>				
B	COUNTERWEIGHT REMOVAL SYSTEM	\$ 20,380		
N	NO OPTION TAKEN			
<b>FACTORY ACCESSORIES &amp; ADDITIONAL ARMS</b>				
<b>Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)</b>				
KG0HN463-00	VANDAL GUARD - (For front window; stores on top of cab)	\$ 660		
KG0HN484-00	CAB FRONT GUARD - MESH (For front window; upper section hinges)	\$ 1,485		
KG0HN486-00	CAB FRONT GUARD - BAR STYLE (For front window only, upper section hinges)	\$ 2,250		
KHN13560	KAB® 855 AIR-SUSPENSION SEAT	\$ 430		
KG0TP481-00	FREE-SWING	\$ 310		
KG0TR211-00	CAMERA - SIDEVIEW (Will work in combination with rearview camera for simultaneous or individual views)	\$ 800		
KG0HP225-00	SUN VISOR (Mounted inside cab; adjustable)	\$ 120		
KG0TA189-00	FULL-LENGTH TRACK GUIDES	\$ 5,355		
HBCV	HOSE BURST CHECK VALVES (For boom and arm cylinders to prevent the attachment from dropping in the event of a hose burst)	\$ 10,260		
XELD 3500A	13' 1" (4.00m) STANDARD ARM (Bare arm with bushings only)	\$ 24,220	3,849	1,746
XELD 3500B	11' 1" (3.38m) STANDARD ARM (Bare arm with bushings only)	\$ 23,550	3,838	1,741
XELD 3500C	15' 11" (4.85m) STANDARD ARM (Bare arm with bushings only)	\$ 26,015	4,579	2,077
XELD 3500D	8' 4" (2.53m) STANDARD ARM (Bare arm with bushings only)	\$ 23,330	3,372	1,530
XELD 3500M	8' 4" (2.53m) MASS-EX ARM (Bare arm with bushings only)	Consult Sales Office	3,526	1,599
<b>ADDITIONAL ACCESSORIES - MUST ORDER THROUGH PARTS DEPARTMENT</b>				
KG0HP298-00	RUBBER BUMPER GUARD (Provides protection to side platforms) - Part number represents one bumper guard (refer to News Bulletin 09-44 for required quantities)	Order From Parts Dept		

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XELC 9000A	STDP - 1.76 yd <sup>3</sup> (1.35 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth	\$ 11,685	2,872	1,303
XELC 9000B	STDP - 2.14 yd <sup>3</sup> (1.64 m <sup>3</sup> ) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth	\$ 12,320	3,172	1,439
XELC 9000C	STDP - 2.52 yd <sup>3</sup> (1.93 m <sup>3</sup> ) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth	\$ 12,825	3,371	1,529
XELC 9000D	STDP - 2.91 yd <sup>3</sup> (2.22 m <sup>3</sup> ) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth	\$ 13,065	3,671	1,665
XELC 9000E	STDP - 3.29 yd <sup>3</sup> (2.52 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Outside Lip - 6 Teeth	\$ 13,790	3,869	1,755
XELC 9000F	STDP - 4.05 yd <sup>3</sup> (3.10 m <sup>3</sup> ) Capacity - 66" (1676mm) Width Outside Lip - 6 Teeth	\$ 15,745	4,680	2,123
XELC 9010A	HDP - 1.73 yd <sup>3</sup> (1.32 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 12,870	3,492	1,584
XELC 9010B	HDP - 2.10 yd <sup>3</sup> (1.61 m <sup>3</sup> ) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 13,850	3,833	1,739
XELC 9010C	HDP - 2.48 yd <sup>3</sup> (1.90 m <sup>3</sup> ) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Fixed-Frame Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,770 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 14,685	4,093	1,857
XELC 9010D	HDP - 2.85 yd <sup>3</sup> (2.18 m <sup>3</sup> ) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 15' 11" Arm/Bucket Combination - Not approved for Fixed-Frame Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Expandable-Frame (expanded)	\$ 15,185	4,433	2,011
XELC 9010E	HDP - 3.24 yd <sup>3</sup> (2.48 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Outside Lip - 6 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Not Approved	\$ 17,130	4,692	2,128
XELC 9015A	XDP - 1.37 yd <sup>3</sup> (.96 m <sup>3</sup> ) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 16,645	3,791	1,720
XELC 9015B	XDP - 1.58 yd <sup>3</sup> 1.21 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup>	\$ 17,895	4,208	1,909
XELC 9015C	XDP - 1.93 yd <sup>3</sup> 1.48 m <sup>3</sup> ) Capacity - 42" (1067mm) Width Outside Lip - 4 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup>	\$ 19,280	4,527	2,053

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
XELC 9015D	XDP - 2.28 yd <sup>3</sup> 1.4 m <sup>3</sup> ) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Fixed-Frame Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup>	\$ 20,205	4,951	2,246
XELC 9100A	PWB - 1.64 yd <sup>3</sup> 1.25 m <sup>3</sup> ) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: Power buckets must be used with the Esco Multi-Pin Grabber coupler	\$ 16,670	3,252	1,475
XELC 9100B	PWB - 1.97 yd <sup>3</sup> 1.51 m <sup>3</sup> ) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Fixed-Frame Note: 13' 1" Arm/Bucket Combination - Approved for material up 3,370 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: Power buckets must be used with the Esco Multi-Pin Grabber coupler	\$ 17,850	3,496	1,586
XELC 9100C	PWB - 2.31 yd <sup>3</sup> 1.77 m <sup>3</sup> ) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 13' 1" Arm/Bucket Combination - Approved for material up 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 15' 11" Arm/Bucket Combination - Not Approved for Fixed-Frame Note: 15' 11" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: Power buckets must be used with the Esco Multi-Pin Grabber coupler	\$ 18,875	3,737	1,695
XELC 9100D	PWB - 2.65 yd <sup>3</sup> (2.03 m <sup>3</sup> ) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Fixed-Frame Note: 8' 4" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 15' 11" Arm/Bucket Combination - Not Approved Note: Power buckets must be used with the Esco Multi-Pin Grabber coupler	\$ 19,650	3,982	1,806
XELC 9100E	PWB - 2.99 yd <sup>3</sup> (2.29 m <sup>3</sup> ) Capacity - 60" (1524mm) Width Outside Lip - 6 Teeth Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Fixed-Frame Note: 8' 4" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 11' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> Note: 13' 1" Arm/Bucket Combination - Not Approved for Fixed-Frame Note: 13' 1" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd <sup>3</sup> for Expandable-Frame (expanded) Note: 15' 11" Arm/Bucket Combination - Not Approved Note: Power buckets must be used with the Esco Multi-Pin Grabber coupler	\$ 20,890	4,290	1,946

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>COUPLERS</b>				
XELD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$ 16,675	2484	
<b>THUMBS FOB - Bedford, PA</b>				
XEKC 9070A	ESCO UNIVERSAL MECHANICAL THUMB; 3-TINE (For use with buckets equipped with 4 or 6 teeth) See Note 3, See Note 4	\$ 7,175		
XEKC 9070F	ESCO UNIVERSAL MECHANICAL THUMB; 4-TINE (For use with buckets equipped with 4 or 6 teeth) See Note 3, See Note 4	\$ 7,305		
XELC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 18,140		
XELC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 19,645		
XELC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 21,435		
XELC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3, See Note 4	\$ 23,170		
<b>SHIPPING INSTRUCTIONS</b>				
XK7 9500A	PREPARATION FOR RAIL SHIPMENT	\$ 2,900		
XK7 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT Note: MACHINE SHIPS WITH MULTI-VISCOSITY ISO VG 46 HYDRAULIC OIL ONLY. IF THE WORKING ENVIRONMENT OF THE MACHINE REQUIRES OTHER THAN ISO VG 46 HYDRAULIC OIL, IT IS THE DISTRIBUTOR'S/CUSTOMER'S RESPONSIBILITY TO SUPPLY AND INSTALL Note: PRICE INCLUDES MACHINE DISMANTLING AS NECESSARY, BUT NOT MAJOR UPPER DISASSEMBLY, PROTECTION FOR WINDOWS; RUST PROTECTION FOR UNFINISHED SURFACES; PACKAGING, SKIDDING, OR BOXING LOOSE OR DISASSEMBLED PARTS OR COMPONENTS AND MARKING FOR EXPORT. CONSULT SALES OFFICE FOR QUOTATION IF ADDITIONAL DISASSEMBLY OR BOXING OF UPPER OR LOWER IS REQUIRED.	\$ 2,900		
<b>470 X3 STANDARD CONFIGURATION</b>				
470X3EX	470 X3 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE (Fixed-frame lower) FOB - PORT OF ENTRY			\$451,745.00
A	STANDARD BOOM 22' 11" (6.98m) AND ARM 13' 1" (4.00m) (Includes boom, arm and bucket cylinders; includes linkage)			\$96,930.00
A	35.5" (900mm) 3-BAR GROUSER (228mm Pitch) Shoe Quantity - 100			\$39,410.00
N	NO OPTION TAKEN			
N	NO OPTION TAKEN			
N	NO OPTION TAKEN			
		<b>Total List Price</b>	<b>\$588,085.00</b>	
		<b>ORDER SPEC</b>	<b>470X3EX-AAANN</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics



# 700X2

X2 Series Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 700X2EX)

**OPERATOR CONTROL STATION** – Pressurized cab with climate control a/c and heat with defroster, LCD monitor, illuminated soft-touch switches, low-effort controls pre-wired for auxiliary hydraulics, control pattern changer, sliding LEXAN® MARGARD® windows, safety glass front window with automatic locking system and vandal cover, intermittent windshield wiper with washer, emergency rear window exit, polycarbonate roof hatch with sunshade, shockless cab suspension with four fluid mountings, KAB® reclining air-suspension seat, sliding 4-position tilting control consoles, AM/FM radio, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, floor mat, footrests, ashtray, 24-volt cigarette lighter, 12-volt outlet, travel alarm, handrail, mirrors.

**CONTROL SYSTEM** – Three selectable working modes, anti-theft password protection system, on-board self-diagnostic system with memory, auto-idling system, one-touch decelerator, auto power boost, auto boom priority, gate lock safety shutoff.

**ENGINE** – Isuzu AH-6WG1XYSS-01 Tier 3 turbocharged diesel engine with electronic fuel control, 463 Net HP (345 kW) rated without fan pump, 15.7 Liter displacement, 6-cylinder, water-cooled, EGR with cooler, air-to-air intercooler, fuel cooler, auto idle-start, auto warm-up, EPF engine protection, reversible cooling fan, 24-volt system, 50 amp alternator, dual stage fuel filtration, remote oil filter, Green Plug oil drain, double element air filter.

**HYDRAULICS** – Open-center system, two variable displacement axial piston pumps and one gear pump for pilot controls, main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool - stackable, oil cooler, auto power boost, auto boom priority, boom and arm holding valves, o-ring face seals, 6 micron return filter, firewall.

**UPPERSTRUCTURE** – 22,928 lb. (10 400 kg) counterweight, upper undercovers, turntable bearing, common key locks, tool box, 70W work light, non-skid surface pads, handrail, bolt-on LH catwalk.

**UNDERCARRIAGE** – 19' 3" (5.88m) expandable/retractable LC long undercarriage by 10' 8" (3.25m) track gauge extended, sealed and strutted track chain, sealed rollers and idlers, two-speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, double track guides, swivel guard.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
700X2EX	700X2 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 613,990	100,099	45,404
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
B	11' 8" (3.55m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 142,740	25,252	11,454
C	13' 6" (4.11m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 144,110	25,686	11,651
D	16' 5" (5.0m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 146,815	26,632	12,080
E	LESS COMPLETE ATTACHMENT	IN BASE		
F	LESS COMPLETE ATTACHMENT, WITH BOOM CYLINDERS	\$ 21,015	3,076	1,395
G	11' 8" (3.55m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 118,725	22,505	10,208
H	13' 6" (4.11m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 120,080	22,940	10,405
I	16' 5" (5.0m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 122,800	23,885	10,834
J	25' 3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDER, ARM CYLINDER, LESS ARM, LESS BUCKET CYLINDER & LINKAGE	\$ 93,920	17,690	8,024
L	MASS EXCAVATOR ATTACHMENT 9' 10" (3.0m) MASS EXCAVATOR ARM, 21' 7" (6.58m) MASS EXCAVATOR BOOM, boom cylinders, arm cylinder, mass excavator bucket cylinder & linkage	\$ 154,830	24,395	11,065
M	MASS EXCAVATOR ATTACHMENT 21' 7" (6.58m) MASS EXCAVATOR BOOM, boom cylinders, arm cylinder, LESS ARM, LESS BUCKET CYLINDER & LINKAGE	\$ 98,740	16,791	7,616
<b>TRACK - MUST SELECT ONE ITEM</b>				
A	25.5" (650mm) 2-BAR GROUSER SHOES, QT 102	\$ 48,425	17,077	7,746
B	35.4" (900mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102	\$ 57,080	20,431	9,267
C	29.5" (750mm) 2-BAR GROUSER SHOES, QT 102	\$ 49,290	18,424	8,357
N	NO OPTION TAKEN	IN BASE		
ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
M	MULTI-FUNCTION AUXILIARY HYDRAULICS (Provides for two way flow for operating grapples and crushers, etc. but is switchable to single acting to operate hammers)	\$ 17,300		
R	COMBINATION MULTI-FUNCTION AUXILIARY HYDRAULICS AND SECONDARY AUXILIARY HYDRAULICS (Joystick Operated - with rotate or tilt)	\$ 28,240		
S	SINGLE ACTING AUXILIARY HYDRAULICS (Provides one way flow for operating hammers)	\$ 12,540		
T	THUMB AUXILIARY HYDRAULICS (Provides for two way flow to end of boom for operating a thumb attachment)	\$ 9,655		
X	SECONDARY AUXILIARY HYDRAULICS (Joystick Operated - Provides rotation or tilt for hydraulically operated tools - low flow)	\$ 10,945		
N	NO OPTION TAKEN	IN BASE		

Air Conditioning - REQUIRED SELECTION					
Y	AIR CONDITIONER	IN BASE			
HBCV - MUST SELECT ONE ITEM					
Y	HOSE BURST CHECK VALVE See Note 2	\$	11,675		
N	NO OPTION TAKEN				
UPPER ONLY - MUST SELECT ONE ITEM					
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office			
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	Consult Sales Office			
E	TRACK ROCK GUARDS - FULL LENGTH	\$	7,210		
N	NO OPTION TAKEN	IN BASE			
OTHER - MUST SELECT ONE ITEM					
B	COUNTERWEIGHT REMOVAL SYSTEM	\$	23,880		
N	NO OPTION TAKEN				
FACTORY ACCESSORIES & ADDITIONAL ARMS Must Accompany Factory Order or Contact Parts Department (PRICES SHOWN ARE FOR FACTORY INSTALLED ONLY)					
HG 700	FACTORY INSTALLED CAGE-TYPE HEAD GUARD	\$	5,490		
TG 700	FULL LENGTH TRACK GUARD	\$	6,360		
EMB 3500B	11' 8" (3.55m) BARE ARM WITH BUSHINGS	\$	23,110	4,910	2,227
EMB 3500C	13' 6" (4.11m) BARE ARM WITH BUSHINGS	\$	25,115	5,344	2,424
EMB 3500D	16' 5" (5.0m) BARE ARM WITH BUSHINGS	\$	27,725	6,195	2,810
EMB 3500L	9' 10" (3.0m) MASS EXCAVATOR BARE ARM WITH BUSHINGS	Consult Sales Office		4,773	2,165
700FSKIT	FREE SWING KIT - (Part# KG0WP079-00)	Order through Parts Dept			
GUARD316	LOWER GLASS MESH GUARD (Part# KG0HN316-00)				
GUARD319	FULL LENGTH (1 piece) STONE GUARD (Part# KG0HN319-00)				
GUARD318	TWO-PIECE STONE GUARD - Upper and lower glass (Part# KG0HN318-00)				
GUARD317	FRONT GLASS MESH GUARD (Part# KG0HN317-00)				
ASEAT	AIR-SUSPENSION SEAT (Part# KHN13560)				
LTKIT415	LIGHT KIT - CAB EXTERIOR (Part# KG0HR415-00)				
LTKIT416	LIGHT KIT - For use with cab guarding (Part# KG0HR416-00)				
COUPLERS Esco Coupler Prices F.O.B. Newton, MS					
EMB 9050D	ESCO QUICK COUPLER (NOT a multi-pin grabber) See Note 3	\$	47,425		
ITEM	DESCRIPTION	PRICE	LBS	KG	
ESCO BUCKETS FOB - Covington, KY					
EXMC 9010A	HDP - 2.12 yd3 (1.62 m3) Capacity - 37" (940mm) Width Outside Lip - 4 Teeth	\$	21,630	4,928	2,235
EXMC 9010B	HDP - 2.35 yd3 (1.80 m3) Capacity - 40" (1 016 mm) Width Outside Lip - 4 Teeth	\$	22,375	5,094	2,311
EXMC 9010C	HDP - 2.89 yd3 (2.21 m3) Capacity - 47" (1 194 mm) Width Outside Lip - 5 Teeth	\$	24,130	5,579	2,531
EXMC 9010D	HDP - 3.29 yd3 (2.52 m3) Capacity - 52" (1 321 mm) Width Outside Lip - 5 Teeth	\$	25,940	5,875	2,665
EXMC 9010E	HDP - 3.84 yd3 (2.94 m3) Capacity - 59" (1 499 mm) Width Outside Lip - 6 Teeth	\$	27,690	6,245	2,833
EXMC 9010F	HDP - 4.25 yd3 (3.25 m3) Capacity - 64" (1 626mm) Width Outside Lip - 7 Teeth	\$	28,815	6,619	3,002
EXMC 9015A	XDP - 1.78 yd3 (1.36 m3) Capacity - 35" (889mm) Width Outside Lip - 3 Teeth	\$	26,810	5,293	2,401
EXMC 9015B	XDP - 2.47 yd3 (1.89 m3) Capacity - 45" (1 143) Width Outside Lip - 4 Teeth	\$	30,850	6,059	2,748
EXMC 9015C	XDP - 3.26 yd3 (2.49 m3) Capacity - 56" (1 422mm) Width Outside Lip - 5 Teeth	\$	33,705	6,765	3,069
EXMC 9015D	XDP - 2.83 yd3 (2.16 m3) Capacity - 50" (1270mm) Width Outside Lip - 5 Teeth	\$	38,240	7,531	3,416
EXMC 9015E	XDP - 2.12 yd3 (1.62 m3) Capacity - 40" (1016mm) Width Outside Lip - 4 Teeth	\$	38,795	7,916	3,591

SHIPPING INSTRUCTIONS			
EMB 9500A	PREPARATION FOR RAIL SHIPMENT	\$	3,765
EMB 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT Note: MACHINE SHIPS WITH MULTI-VISCOSITY ISO VG 46 HYDRAULIC OIL ONLY. IF THE WORKING ENVIRONMENT OF THE MACHINE REQUIRES OTHER THAN ISO VG 46 HYDRAULIC OIL, IT IS THE DISTRIBUTOR'S/CUSTOMER'S RESPONSIBILITY TO SUPPLY AND INSTALL Note: PRICE INCLUDES MACHINE DISMANTLING AS NECESSARY, BUT NOT MAJOR UPPER DISASSEMBLY, PROTECTION FOR WINDOWS; RUST PROTECTION FOR UNFINISHED SURFACES; PACKAGING, SKIDDING, OR BOXING LOOSE OR DISASSEMBLED PARTS OR COMPONENTS AND MARKING FOR EXPORT. CONSULT SALES OFFICE FOR QUOTATION IF ADDITIONAL DISASSEMBLY OR BOXING OF UPPER OR LOWER IS REQUIRED.	\$	3,765

#### 700X2 STANDARD CONFIGURATION

700X2EX	700X2 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$613,990.00
B	11' 8" (3.55m) ARM, 25'3" (7.70m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$142,740.00
B	35.4" (900mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102	\$57,080.00
N	NO OPTION TAKEN	
Y	AIR CONDITIONER	IN BASE
N	NO OPTION TAKEN	
N	NO OPTION TAKEN	
N	NO OPTION TAKEN	
Total List Price		\$813,810.00
ORDER SPEC		700X2EX-BBNYNNN

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

# 800X2

X2 Series Crawler Excavator

## BASE MACHINE DESCRIPTION (ITEM 800X2EX)

**OPERATOR CONTROL STATION** – Pressurized cab with climate control a/c and heat with defroster, LCD monitor, illuminated soft-touch switches, low-effort controls pre-wired for auxiliary hydraulics, control pattern changer, sliding LEXAN® MARGARD® windows, safety glass front window with automatic locking system and vandal cover, intermittent windshield wiper with washer, emergency rear window exit, polycarbonate roof hatch with sunshade, shockless cab suspension with four fluid mountings, KAB® reclining air-suspension seat, sliding 4-position tilting control consoles, AM/FM radio, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, floor mat, footrests, ashtray, 24-volt cigarette lighter, 12-volt outlet, travel alarm, handrail, mirrors.

**CONTROL SYSTEM** – Three selectable working modes, anti-theft password protection system, on-board self-diagnostic system with memory, auto-idling system, one-touch decelerator, auto power boost, auto boom priority, gate lock safety shutoff.

**ENGINE** – Isuzu AH-6WG1XYSS-02 Tier 3 turbocharged diesel engine with electronic fuel control, 532 Net HP (397 kW) rated without fan pump, 15.7 Liter displacement, 6-cylinder, water-cooled, EGR with cooler, air-to-air intercooler, fuel cooler, auto idle-start, auto warm-up, EPF engine protection, reversible cooling fan, 24-volt system, 50 amp alternator, dual stage fuel filtration, remote oil filter, Green Plug oil drain, double element air filter.

**HYDRAULICS** – Open-center system, two variable displacement axial piston pumps and one gear pump for pilot controls, main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool - stackable, oil cooler, auto power boost, auto boom priority, boom and arm holding valves, o-ring face seals, 6 micron return filter, firewall.

**UPPERSTRUCTURE** – 27,600 lb. (12 500 kg) counterweight, upper undercovers, turntable bearing, common key locks, tool box, 70W work light, non-skid surface pads, handrail, bolt-on LH catwalk.

**UNDERCARRIAGE** – 20' 10" (6.36m) expandable/retractable LC long undercarriage by 11' 4" (3.45m) track gauge extended, sealed and strutted track chain, sealed rollers and idlers, two-speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, double track guides, swivel guard.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Bucket - Must Be Ordered Separately</b>				
800X2EX	800X2 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 771,700	119,085	54,016

NOTE: DUE TO THE COMPLEXITY OF SHIPPING THIS LARGE MACHINE -- LBX TRANSPORTATION DEPARTMENT MUST BE CONTACTED PRIOR TO DEALER ARRANGING PICK UP.

<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
B	12'0" (3.66m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 184,340	30,682	13,917
C	14'7" (4.44m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 186,420	31,169	14,138
D	18'5" (5.62m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE	\$ 190,330	32,472	14,729
E	LESS COMPLETE ATTACHMENT	\$ -		
F	LESS COMPLETE ATTACHMENT, WITH BOOM CYLINDERS	\$ 27,660	3,548	1,609
H	12'0" (3.66m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 155,350	27,397	12,427
I	14'7" (4.44m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 157,430	27,884	12,648
J	18'5" (5.62m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, LESS BUCKET CYLINDER & LINKAGE	\$ 161,340	29,187	13,239
K	27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDER, ARM CYLINDER, LESS ARM, WITH BUCKET CYLINDER & LINKAGE	\$ 151,830	21,659	9,824
L	MASS EXCAVATOR ATTACHMENT 9'9" (2.98m) MASS EXCAVATOR ARM, 23'9" (7.25m) mass excavator boom, boom cylinders, arm cylinder, mass excavator bucket cylinder & linkage	\$ 196,255	29,979	13,598
M	MASS EXCAVATOR ATTACHMENT 23'9" (7.25m) mass excavator boom, boom cylinders, arm cylinder, LESS ARM, LESS BUCKET CYLINDER & LINKAGE	\$ 127,800	20,697	9,388

<b>TRACK - MUST SELECT ONE ITEM</b>				
A	29.5" (750mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102	\$ 52,265	18,559	8,418
B	35.4" (900mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102	\$ 60,375	21,086	9,564
C	23.5" (600mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102	\$ 50,880	17,057	7,737
N	NO OPTION TAKEN			

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>AUXILIARY HYDRAULICS - MUST SELECT ONE ITEM</b>				
M	MULTI-FUNCTION AUXILIARY HYDRAULICS (Provides for two way flow for operating grapples and crushers, etc. but is switchable to single acting to operate hammers)	\$ 17,425		
R	COMBINATION MULTI-FUNCTION AUXILIARY HYDRAULICS AND SECONDARY AUXILIARY HYDRAULICS (Joystick Operated - with rotate or tilt) Note: Not for use with Mass Excavator attachment.	\$ 31,020		
S	SINGLE ACTING AUXILIARY HYDRAULICS (Provides one way flow for operating hammers)	\$ 12,620		
T	THUMB AUXILIARY HYDRAULICS (Provides for two way flow to end of boom for operating a thumb attachment)	\$ 9,745		
X	SECONDARY AUXILIARY HYDRAULICS (Joystick Operated - Provides rotation for hydraulically operated tools - low flow)	\$ 13,600		
N	NO OPTION TAKEN			
<b>Air Conditioning - REQUIRED SELECTION</b>				
Y	AIR CONDITIONER	IN BASE		
<b>HBCV - REQUIRED SELECTION</b>				
Y	HOSE BURST CHECK VALVE	\$ 12,410		
N	NO OPTION TAKEN			
<b>OTHER - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	Consult Sales Office	65,645	29,776
B	UPPER ONLY, LESS COUNTERWEIGHT WITH ROTATING JOINT	Consult Sales Office	38,039	17,254
C	FOPS HEAD GUARD ONLY	\$ 4,340		
D	FOPS HEAD GUARD WITH FRONT GUARD	\$ 5,865		
E	TRACK ROCK GUARDS - FULL LENGTH	\$ 7,975		
N	NO OPTION TAKEN	IN BASE		
<b>OTHER - MUST SELECT ONE ITEM</b>				
B	WITH COUNTERWEIGHT REMOVAL SYSTEM	\$ 27,605		
N	NO OPTION TAKEN			
<b>FACTORY ACCESSORIES</b> <b>Must Accompany Factory Order or Contact Parts Department</b>				
GUARD316	LOWER GLASS MESH GUARD (Part# KG0HN316-00)			
GUARD317	FRONT GLASS MESH GUARD (Part# KG0HN317-00)			
GUARD318	TWO-PIECE STONE GUARD - Upper and lower glass (Part# KG0HN318-00)			
GUARD319	FULL LENGTH (1 piece) STONE GUARD (Part# KG0HN319-00)			
ASEAT	AIR-SUSPENSION SEAT (Part# KHN13560)			
LTKIT415	LIGHT KIT - CAB EXTERIOR (Part# KG0HR415-00)			
LTKIT416	LIGHT KIT - For use with cab guarding (Part# KG0HR416-00)			
TTG	TRIPLE TRACK GUIDES (Part# EGCA0001)			
<b>Additional Arms &amp; Accessories</b>				
XK9 3500A	9'9" (2.90m) MASS EXCAVATOR BARE ARM WITH BUSHINGS	\$ 38,580	5,578	2,530
XK9 3500B	12'0" (3.66m) BARE ARM WITH BUSHINGS	\$ 36,410	5,739	2,603
XK9 3500C	14'6" (4.42m) BARE ARM WITH BUSHINGS	\$ 38,720	6,222	2,822
XK9 3500D	18'5" (5.61m) BARE ARM WITH BUSHINGS	\$ 43,115	7,437	3,373
ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS</b> <b>FOB - Covington, KY</b>				
XENC 9010A	HDP - 2.53 yd3 (1.93 m3) Capacity - 42" (1 067mm) Width Outside Lip - 4 Teeth	\$ 29,000	6,403	2,904
XENC 9010B	HDP - 3.00 yd3 (2.29 m3) Capacity - 48" (1 219 mm) Width Outside Lip - 4 Teeth	\$ 30,670	6,803	3,086
XENC 9010C	HDP - 3.48 yd3 (2.66 m3) Capacity - 54" (1 372 mm) Width Outside Lip - 4 Teeth	\$ 32,405	7,203	3,267
XENC 9010D	HDP - 3.96 yd3 (3.03 m3) Capacity - 60" (1 542 mm) Width Outside Lip - 5 Teeth	\$ 34,000	7,780	3,529
XENC 9010E	HDP - 4.45 yd3 (3.40 m3) Capacity - 66" (1 676 mm) Width Outside Lip - 5 Teeth	\$ 34,545	8,180	3,710
XENC 9010F	HDP - 4.94 yd3 (3.78 m3) Capacity - 72" (1 829mm) Width Outside Lip - 5 Teeth	\$ 35,080	8,580	3,892
XENC 9010G	HDP - 5.42 yd3 (4.14 m3) Capacity - 78" (1 981mm) Width Outside Lip - 6 Teeth	\$ 38,975	9,157	4,154

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>ESCO BUCKETS (continued)</b>				
XENC 9010J	HDP - 5.91 yd3 (4.52 m3) Capacity - 84" (2 134mm) Width Outside Lip - 6 Teeth	\$ 41,975	9,557	4,335
XENC 9015A	XDP - 2.47 yd3 (1.89 m3) Capacity - 45" (1 143) Width Outside Lip - 4 Teeth	\$ 30,850	6,470	2,935
XENC 9015C	XDP - 3.99 yd3 (3.05 m3) Capacity - 66" (1 676mm) Width Outside Lip - 5 Teeth	\$ 38,240	8,061	3,656
XENC 9015D	XDP - 4.43 yd3 (3.39 m3) Capacity - 72" (1 829mm) Width Outside Lip - 5 Teeth	\$ 38,790	8,466	3,840
XENC 9015E	XDP - 5.30 yd3 (4.05 m3) Capacity - 84" (2 134mm) Width Outside Lip - 6 Teeth	\$ 44,090	9,451	4,287

<b>SHIPPING INSTRUCTIONS</b>				
XJI 9500A	PREPARATION FOR RAIL SHIPMENT	\$ 3,765		
EMB 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT Note: MACHINE SHIPS WITH MULTI-VISCOSITY ISO VG 46 HYDRAULIC OIL ONLY. IF THE WORKING ENVIRONMENT OF THE MACHINE REQUIRES OTHER THAN ISO VG 46 HYDRAULIC OIL, IT IS THE DISTRIBUTOR'S/CUSTOMER'S RESPONSIBILITY TO SUPPLY AND INSTALL. Note: PRICE INCLUDES MACHINE DISMANTLING AS NECESSARY, BUT NOT MAJOR UPPER DISASSEMBLY, PROTECTION FOR WINDOWS; RUST PROTECTION FOR UNFINISHED SURFACES; PACKAGING, SKIDDING, OR BOXING LOOSE OR DISASSEMBLED PARTS OR COMPONENTS AND MARKING FOR EXPORT. CONSULT SALES OFFICE FOR QUOTATION IF ADDITIONAL DISASSEMBLY OR BOXING OF UPPER OR LOWER IS REQUIRED.	\$ 3,765		

#### 800X2 STANDARD CONFIGURATION

800X2EX	800X2 HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY		\$771,700.00
C	14'7" (4.44m) ARM, 27'7" (8.41m) EXCAVATOR BOOM, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER & LINKAGE		\$186,420.00
B	35.4" (900mm) 2-BAR GROUSER (260.35mm pitch) SHOES, QT 102		\$60,375.00
N	NO OPTION TAKEN		
Y	AIR CONDITIONER		IN BASE
N	NO OPTION TAKEN		
N	NO OPTION TAKEN		
B	WITH COUNTERWEIGHT REMOVAL SYSTEM		\$27,605.00
		<b>Total List Price</b>	<b>\$1,046,100.00</b>
		<b>ORDER SPEC</b>	<b>800X2EX-CBNYNNB</b>

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

## 240 X2 MH

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 240X2MH)

OPERATOR CONTROL STATION – Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level I operator protection guard - front, Pressurized cab with climate control a/c and heat with defroster, LCD monitor, Illuminated soft-touch switches, Low-effort controls pre-wired for auxiliary hydraulics, Single pedal travel, Sliding LEXAN® MARGARD® windows, Safety glass front window with automatic locking system, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

CONTROL SYSTEM – Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Auto power boost, Gate lock safety shutoff, Cab Anti-interference device.

ENGINE – Isuzu AH-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

HYDRAULICS – Open-center system, Two variable displacement axial piston pumps and one gear pump for pilot controls, Auxiliary pump for cab riser, rotate and generator option, Main control valve with one 4-spool valve and one 5-spool valve with 2 auxiliary spools, Rotate circuit, Oil cooler, Auto power boost, Boom and arm holding valves, O-ring face seals, 6 micron return filter, Firewall, Machine prepped for generator installation with hydraulic motor.

UPPERSTRUCTURE – 16,535 lb. (7,500 kg) counterweight, Heavy-duty upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work light, Non-skid surface pads, Handrail.

UNDERCARRIAGE – X Pattern carbody with 15' 3" (4.65m) LC long undercarriage by 8' 6" (2.6m) track gauge, Sealed and strutted track chain with track guide, Sealed rollers and idlers, Two-speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Heavy-duty swivel guard.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment - Must Be Ordered Separately</b>				
240X2MH	240 X2 HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE F.O.B. PORT OF ENTRY	\$ 298,500		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	23'4" (7.1m) CURVED BOOM and 16'5" (5.0m) STRAIGHT ARM, BOOM CYLINDERS, ARM CYLINDERS, BUCKET CYLINDER, BUCKET LINKAGE FOR FIXED-STYLE WORKING TOOLS	\$ 61,570		
B	23'4" (7.1m) CURVED BOOM and 16'5" (5.0m) STRAIGHT ARM, BOOM CYLINDERS, ARM CYLINDERS, LESS BUCKET CYLINDER & LINKAGE	\$ 54,830		
E	24'3" (7.4m) STRAIGHT BOOM and 19'0" (5.8m) DROOP-NOSE ARM, BOOM CYLINDERS, ARM CYLINDER, FOR DANGLE-STYLE WORKING TOOLS, (Plumbed for open/close/rotate)	\$ 56,665		
C	LESS ATTACHMENT, WITH BOOM CYLINDERS	\$ 10,620		
D	LESS COMPLETE ATTACHMENT	IN BASE		
<b>Track - MUST SELECT ONE ITEM</b>				
A	23.6" (600mm) FLAT PADS (190mm pitch), Qty 102	\$ 43,075		
B	31.5" (800mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 28,750		
C	27.5" (700mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 27,270	7,844	3,558
D	23.6" (600mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 22,050	7,180	3,259
N	NO OPTION TAKEN	IN BASE		
<b>HBCV - MUST SELECT ONE ITEM</b>				
A	HOSE BURST CHECK VALVE for BOOM AND ARM CYLINDERS	\$ 3,940		
N	NO OPTION TAKEN			
<b>Factory Installed Options 1 - MUST SELECT ONE ITEM</b>				
A	CAB ANTI-INTERFERENCE DEVICE	IN BASE		
<b>Factory Installed Options 2 - MUST SELECT ONE ITEM</b>				
A	CONTROL-PATTERN CHANGER	780		
N	NO OPTION TAKEN	IN BASE		
<b>Other - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	CONSULT SALES	22,730	10,310
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	CONSULT SALES	11,490	5,212
N	NO OPTION TAKEN	IN BASE		

Factory Installed Magnet & Grapple - REQUIRED SELECTION					
A	61 AMP MAGNET, 54" (1370mm) DIAMETER, BRACKET FOR LINKAGE (For use with Factory Attachment Item A)	\$	54,540		
G	GRAPPLE - LINKAGE TYPE	\$	98,790		
N	NO OPTION TAKEN			IN BASE	
Factory Installed Genset Package - REQUIRED SELECTION					
A	15kW GENERATOR and SOLID-STATE CONTROLLER, Hydraulic driven	\$	59,730		
N	NO OPTION TAKEN			IN BASE	
U.S. Sourced Genset Package					
XHIC 2941A	15kW BALDOR GENERATOR and OHIO CONTROLLER, Hydraulic driven (PRICE INCLUDES INSTALLATION)	\$	49,660		
HICR0067	NOT INSTALLED -- 15kW BALDOR GENERATOR and OHIO CONTROLLER, Hydraulic driven	\$	47,110		
XHIC 2941B	15kW BALDOR GENERATOR and HUBBELL CONTROLLER, Hydraulic driven (PRICE INCLUDES INSTALLATION)	\$	49,660		
HICR0076	NOT INSTALLED -- 15kW BALDOR GENERATOR and HUBBELL CONTROLLER, Hydraulic driven	\$	47,110		
Additional Items & Accessories					
XHIC 3005A	MAGNET SWIVEL CONNECTING LINK (for use with chains), Requires pin at arm end. (For use with Factory Attachment Item A or B)	\$	2,960	146	66
XHIC 3005B	MAGNET SWIVEL CONNECTING LINK (for use with chains), Requires pin at arm end. (For use with Factory Attachment Item E)	\$	2,960	146	66
XHIC MAG	MAG GRAPPLE AUXILIARY HYDRAULICS (Required for use with Mag Grapple only) (PRICE INCLUDES INSTALLATION)	\$	3,785		
XHIC 2985A	HAMMER KIT INSTALLED for Linkage-Style Attachment, includes auxiliary components for MFH and reinforcement plating for boom	\$	6,931		
Shipping Instructions					
XK4 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT	\$	2,955		
XK4 9500A	PREPARATION FOR RAIL SHIPMENT	\$	2,955		

#### 240X2 MH STANDARD CONFIGURATION

240X2MH	240 X2 HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE F.O.B. PORT OF ENTRY	\$298,500.00
E	24'3" (7.4m) STRAIGHT BOOM and 19'0" (5.8m) DROOP-NOSE ARM, BOOM CYLINDERS, ARM CYLINDER, FOR DANGLE-STYLE WORKING TOOLS, (Plumbed for open/close/rotate)	\$56,665.00
A	23.6" (600mm) FLAT PADS (190mm pitch), Qty 102	\$43,075.00
N	NO OPTION TAKEN	IN BASE
A	CAB ANTI-INTERFERENCE DEVICE	IN BASE
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
N	NO OPTION TAKEN	IN BASE
Total List Price		\$398,240.00

ORDER SPEC: 240X2MH-EANANNNN



## 250 X3 MH

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 250X3MH)

OPERATOR CONTROL STATION – Hydraulic cab riser with emergency lowering system, Level 1 operator protection guard - front, Pressurized cab with climate control a/c and heat with defroster, Control panel with LED Hi-Definition color monitor, Rearview camera display, Fuel-efficiency gauge, DPF regeneration gauge, Low-effort Suregrip® controls pre-wired for auxiliary hydraulics, Single pedal travel, Safety glass windows, Sunroof with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM sound system with MP3 auxiliary input jack, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors, Side-entry cab filter, Spare parts kit.

CONTROL SYSTEM – Three selectable working modes, Anti-theft password protection system, On-board self-diagnostic system with memory and service interval reminders, Auto-idling system, One-touch decelerator, Auto-idle engine shutdown, Auto power boost, Gate lock safety shutoff, Cab Anti-interference device, Free Swing, GPS ready.

ENGINE - EPA Certified Tier 4A Isuzu AL-4HK1X turbocharged diesel engine with electronic control (ECM) and common-rail fuel injection, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Particulate Diffuser (DPD) with Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) for "passive regeneration" of exhaust emissions, Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Dual-stage fuel filtration, Remote oil filter, Green plug oil drain, Double element air filter.

HYDRAULICS – Open-center system, Two variable displacement axial piston pumps and one gear pump for pilot controls, Auxiliary pump for cab riser, rotate and generator option, Main control valve with one 4-spool valve and one 5-spool valve with 2 auxiliary spools, Rotate circuit, Oil cooler, Auto power boost, HBCV for boom and arm cylinders, O-ring face seals, 6 micron return filter, Machine prepped for generator installation with hydraulic motor.

UPPERSTRUCTURE – 18,298 lb. (8,300 kg) counterweight, Heavy-duty upper undercovers, Turntable bearing, Common key locks, Tool box, 70W work lights, Non-skid surface pads, Handrail.

UNDERCARRIAGE – X Pattern carbody with 15' 3" (4.65m) LC long undercarriage by 8' 6" (2.6m) track gauge, Sealed and strutted track chain with track guide, Sealed rollers and idlers, Two-speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, HD swivel guard.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment - Must Be Ordered Separately</b>				
250X3MH	250X3 HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE F.O.B. PORT OF ENTRY	\$ 327,015		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
A	23'4" (7.1m) CURVED BOOM and 16'5" (5.0m) STRAIGHT ARM, MH ATTACHMENT FOR FIXED-STYLE WORKING TOOLS	\$ 66,575		
B	23'4" (7.1m) CURVED BOOM and 16'5" (5.0m) STRAIGHT ARM, MH ATTACHMENT, LESS BUCKET CYLINDER & LINKAGE	\$ 59,285		
E	24'3" (7.4m) STRAIGHT BOOM and 19'0" (5.8m) DROOP-NOSE ARM, SL ATTACHMENT, FOR DANGLE-STYLE WORKING TOOLS, (Plumbed for open/close/rotate)	\$ 61,270		
C	LESS ATTACHMENT, WITH BOOM CYLINDERS	\$ 11,485		
D	LESS COMPLETE ATTACHMENT	IN BASE		
<b>Track - MUST SELECT ONE ITEM</b>				
A	23.6" (600mm) FLAT PADS (190mm pitch), Qty 102	\$ 46,575		
B	31.5" (800mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 31,085		
C	27.5" (700mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 29,485	7,844	3558
D	23.6" (600mm) 3-BAR GROUSER SHOES (190mm pitch), Qty 102	\$ 23,840	7,180	3259
N	NO OPTION TAKEN	IN BASE		
<b>Factory Installed Options 1 - MUST SELECT ONE ITEM</b>				
N	NO OPTION TAKEN	IN BASE		
<b>Other - MUST SELECT ONE ITEM</b>				
A	UPPER ONLY, WITH COUNTERWEIGHT AND ROTATING JOINT	CONSULT SALES OFFICE	22,730	10310
B	UPPER ONLY, LESS COUNTERWEIGHT, WITH ROTATING JOINT	CONSULT SALES OFFICE	11,490	5212
N	NO OPTION TAKEN	IN BASE		

Factory Installed Magnet & Grapple - REQUIRED SELECTION				
A	53" SCM MAGNET WITH LINKAGE (For use with Factory Attachment Item A)	\$	30,545	4,550
G	GRAPPLE - LINKAGE TYPE		CONSULT SALES OFFICE	
N	NO OPTION TAKEN		IN BASE	
Factory Installed Genset Package - REQUIRED SELECTION				
A	SCM 13.5kW GENERATOR and SOLID-STATE CONTROLLER, Hydraulic driven	\$	41,565	
N	NO OPTION TAKEN		IN BASE	
U.S. Sourced Genset Package				
XHIC 2941D	15kW BALDOR GENERATOR and OHIO CONTROLLER, Hydraulic driven (PRICE INCLUDES INSTALLATION)	\$	49,660	
HICP0005	NOT INSTALLED -- 15kW BALDOR GENERATOR and OHIO CONTROLLER, Hydraulic driven	\$	47,110	
XHIC 2941C	15kW BALDOR GENERATOR and HUBBELL CONTROLLER, Hydraulic driven (PRICE INCLUDES INSTALLATION)	\$	49,660	
HICP0004	NOT INSTALLED -- 15kW BALDOR GENERATOR and HUBBELL CONTROLLER, Hydraulic driven	\$	47,110	
Additional Items & Accessories				
XHIC 3005A	MAGNET SWIVEL CONNECTING LINK (for use with chains), Requires pin at arm end. (For use with Factory Attachment Item A or B)	\$	3,200	146 66
XHIC 3005B	MAGNET SWIVEL CONNECTING LINK (for use with chains), Requires pin at arm end. (For use with Factory Attachment Item E)	\$	3,200	146 66
XHIC MAG	MAG GRAPPLE AUXILIARY HYDRAULICS (Required for use with Mag Grapple only) (PRICE INCLUDES INSTALLATION)	\$	4,095	
XHIC 2985C	MULTI-FUNCTION HYDRAULIC KIT for Linkage-Style Attachment, includes auxiliary components for MFH and boom reinforcement plating to operate a hammer	\$	6,931	
Shipping Instructions				
XK4 9500B	PREPARATION OF MACHINE FOR EXPORT SHIPMENT	\$	2,955	
XK4 9500A	PREPARATION FOR RAIL SHIPMENT	\$	2,955	

## 250X3 MH STANDARD CONFIGURATION

250X3MH	250X3 MH HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE F.O.B. PORT OF ENTRY		\$327,015.00
E	24'3" (7.4m) STRAIGHT BOOM and 19'0" (5.8m) DROOP-NOSE ARM, SL ATTACHMENT, FOR DANGLE-STYLE WORKING TOOLS, (Plumbed for open/close/rotate)		\$61,270.00
A	23.6" (600mm) FLAT PADS (190mm pitch), Qty 102		\$46,575.00
N	NO OPTION TAKEN		IN BASE
N	NO OPTION TAKEN		IN BASE
N	NO OPTION TAKEN		IN BASE
N	NO OPTION TAKEN		IN BASE
Total List Price			\$434,860.00

ORDER SPEC: 250X3MH-EANNNN

# 360 X2 RUBBER TIRE MATERIAL HANDLER

Material Handler for Scrap Applications

## BASE MACHINE DESCRIPTION (ITEM 360X2 RT MH)

OPERATOR CONTROL STATION – Pressurized cab with climate control A/C and heat with defroster, KAB® air suspension seat, Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level I operator protection guard - front, Sliding 4-position tilting control consoles, LCD monitor, Illuminated soft-touch switches, SureGrip® controls pre-wired for auxiliary functions, Steering wheel - adjustable/telescoping, Accelerator and brake pedals, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrest, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

CONTROL SYSTEM – Three selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Neutral safety start, Free Swing, Park brake, Axle-oscillation control, Outrigger control, FWD/REV shift, Transmission shifter, Gate lock safety shutoff.

ENGINE – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Common-rail fuel injection, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Cyclone pre-clean air filter, Double element air filter.

HYDRAULICS – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump for steering, braking and transmission, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, (2) Additional auxiliary spools for cab riser and grapple rotate, Brake valve with accumulators, Orbitrol steering valve, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

UPPERSTRUCTURE – 18,960 lb. (8,600 kg) MH counterweight, HD Reinforced frame, Heavy-duty MH turntable bearing, Common key locks, Non-skid surface pads, Handrails, Mirrors.

CHASSIS – Steel frame chassis with integral bearing tub, Replaceable bolt-on outrigger steps, (2) Toolbox - lockable, (4) Outrigger stabilizers with protective cylinder guards and 21-inch pads - simultaneous activation, Non-skid surface pads on chassis deck, Bolt-on ladders for ingress/egress at each end, Ladders on each side for upper access, transmission belly pan.

TIRES - Trelleborg Brand solid rubber tires, 16.00-25 Tread Profile, Tire Quantity - 4

POWERTRAIN - ZF® 2HL290 Hydrostatic transmission with internal park brake and transmission belly pan installed, FWD/REV with 2-speed High/Low powershift, Travel speeds to 12 mph, Kessler® Series 81 planetary drive axles, Steering/oscillating front axle, Rigid rear axle, 4WD, 2-wheel steer, Internal wet disc service brakes.

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment - Must Be Ordered Separately				
360X2RT-MHBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$ 594,170	74,870	33960
ATTACHMENT - MUST SELECT ONE ITEM				
XHPC 3000B	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate) F.O.B. SEATTLE, WA	\$ 103,065	19,250	8732
OTHER				
XHPC 2995A	OHS Hydraulic System	IN BASE		
OPTIONAL FACTORY-INSTALLED ACCESSORIES				
Must Accompany Factory Order or Contact Parts Department				
XHPC 2940A	20 kW BALDOR GENERATOR with HUBBELL CONTROLLER (Hydraulic-driven, includes magnet cable) See Note 1, See Note 2	\$ 42,705	1,000	453
XHPC 2940B	20 kW BALDOR GENERATOR with OHIO CONTROLLER (Hydraulic-driven, includes magnet cable) See Note 1, See Note 2	\$ 43,004	1,000	453
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 6,845	25	10.6
XHPC 2965B	LINCOLN LUBE SYSTEM - AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 11,285	25	10.6
OPTIONAL ACCESSORIES				
XHPC 3005A	MAGNET CONNECTING LINK - PIN ON, Part# HPCV0127	\$ 4,155	240	109

**FREIGHT**

ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - no discount should be applied \$ 6,000

**360X2 RT MH STANDARD CONFIGURATION**

360X2RT-MHBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$594,170.00
HPCV0128	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate)	\$103,065.00
HPCR0038	20 kW BALDOR GENERATOR with HUBBELL CONTROLLER (Hydraulic-driven, includes magnet cable) See Note 1, See Note 2	\$42,705.00
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$6,845.00
XHPC 3005A	MAGNET CONNECTING LINK - PIN ON	\$4,155.00
<b>Total List Price</b>		<b>\$750,940.00</b>
<b>ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - no discount should be applied</b>		<b>\$6,000.00</b>

ORDER SPEC: 360X2RT-MHBASE  
XHPC 3000B  
XHPC 2940A  
XHPC 2965A  
XHPC 3005A

**NOTE 1:** This item will affect availability. Please consult sales office.

**NOTE 2:** This item will affect availability. For field installation kit, order through Parts Department.

## 370 LX MH Tier III

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 370 LX MH)

ENGINE – Isuzu AA-6HK1XQB six cylinder, turbocharged with air cooled intercooler diesel engine with electronic fuel injection, 247 Net HP (184kW) 24-volt starting system, 50 amp alternator, double element air filter with restriction indicator, EPA Tier III compliant.

HYDRAULICS – 2 variable displacement axial piston pumps, one gear pump for pilot controls, one gear pump for grapple rotation, one 4 spool valve and one 5 spool valve with auxiliary spool for thumb or grapple open/close. Joystick trigger/button controls for grapple open/close and rotation.

CONTROL SYSTEM – Inte-LX Control System with five selectable working modes (auto, heavy, standard, lift, allied attachment), selectable cushion attachment control, self-diagnostic system with memory, idle start, auto engine warm up, low idle up, Nephron filtration system, one touch decelerator, auto idling system, gate lock safety shutoff, disc type swing brake, free swing control.

FACTORY "HIGH & WIDE" LOWER – 9' 8" (2.94 m) gauge by 17' 9" (5.42 m) tractor type (LC) long undercarriage, 2' 5" (0.73 m) ground clearance, sealed rollers and idlers, two-speed independent hydrostatic travel with compact drive, disc type parking brakes, HD travel motor covers, idler mount reinforcement, and full length ski type track guides.

OPERATOR CONTROL STATION – Password protected anti-theft system shockless cab suspension (6 fluid mountings), sliding LEXAN® MARGARD® windows, safety glass front window with automatic locking system and vandal cover, combination rear window/emergency exit, reclining suspension operator's seat with adjustable lumbar support, sliding 4-position tilting control consoles, lift-up left console, single pedal travel, illuminated soft-touch switches, illuminated electronic liquid crystal display service monitor, digital clock, climate control heat and a/c with air filter, intermittent windshield wiper, AM/FM radio, dome light, seat belt, horn, coat hook, storage compartment, low-effort SAE controls, floor mat, foot rest, battery lighting system, cigarette lighter, 20am 24 volts to 12 volts converter.

UPPER – 18,520 lb. (8,400 kg) counterweight, reinforced upper frame for cab riser, extended RH platform (for optional add-on fuel tank or tool box), HD turntable bearing, common key locks on fuel fill, 4 forward facing work lights, 1 rear facing work light, right and left attachment work lights, and access doors.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment Or Conversion Options - Must Be Ordered Separately</b>				
370LXMH	370 LX MH "HIGH & WIDE HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE: (MUST ORDER CODE D "HIGH & WIDE" SIDEFRAME LOWER FROM SECTION 6)	\$ 381,740	66,960	30,374
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
E	LESS COMPLETE ATTACHMENT			
<b>Track - MUST SELECT ONE ITEM</b>				
G	29.5" (750mm) 3-BAR GROUSER (228.6mm PITCH) SHOES, QTY 100	\$ 35,040	12,943	5,870
<b>Auxiliary Hydraulics - MUST SELECT ONE ITEM</b>				
N	NO OPTION TAKEN			
<b>Air Conditioner - MUST SELECT ONE ITEM</b>				
Y	AIR CONDITIONER	IN BASE		
<b>HBCV - MUST SELECT ONE ITEM</b>				
N	NO OPTION TAKEN			
<b>Other - MUST SELECT ONE ITEM</b>				
D	"HIGH & WIDE" SIDEFRAME LOWER	IN BASE		
<b>Young Conversion</b>				
XK6 3003YK1	YOUNG 48' REACH 3-PIECE MATERIAL HANDLING ATTACHMENT. INSTALLED, TESTED, THEN PREPARED FOR SHIPMENT. NOTE: Add attachment freight when ordering this item. The surcharge does not apply to this item #.	\$ 200,425		
XK6 3003YK2	YOUNG 50' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. INSTALLED, TESTED, THEN PREPARED FOR SHIPMENT. NOTE: Add attachment freight when ordering this item. The surcharge does not apply to this item #.	\$ 171,580		
<b>Young Conversion Options</b>				
XK6 2940YK1	20 kW BALDOR GENERATOR with HUBBELL CONTROLLER. HYDRAULIC DRIVEN PACKAGE INSTALLED. INCLUDES ATTACHMENT MAGNET LINK.	\$ 67,440		
XK6 2700YK4	74" MANUAL TILT CAB RISER with PLATFORM, STAIRS, AND RAILING. CATWALKS AND UPPER UNDERCOVERS INSTALLED, PAINT, AND DECAL.	\$ 50,570		
XK6 2970P	LOAD HOLDING VALVE (HOSE BURST FACTORY INSTALLED PRICE)	\$ 39,695		

**ATTACHMENT FREIGHT**  
**Young Conversion Prices F.O.B. Seattle, WA to Carlisle, PA**

FREIGHT                      ATTACHMENT FREIGHT TO CARLISLE, PA - Dealer net amount - NO discount should be applied       \$            6,000

**370LX MH Tier III STANDARD CONFIGURATION**

0	370LXMH	370LX MH "HIGH & WIDE" HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE: (MUST ORDER CODE D "HIGH & WIDE" SIDEFRA ME LOWER FROM SECTION 6)	\$381,740.00
1	E	LESS COMPLETE ATTACHMENT	
2	G	29.5" (750mm) 3-BAR GROUSER (228.6mm PITCH) SHOES, QTY 100	\$35,040.00
3	N	NO OPTION TAKEN	
4	Y	AIR CONDITIONER	IN BASE
5	N	NO OPTION TAKEN	
6	D	"HIGH & WIDE" SIDEFRA ME LOWER	IN BASE
7	XK6 3003YK1	YOUNG 48' REACH 3-PIECE MATERIAL HANDLING ATTACHMENT. INSTALLED, TESTED, THEN PREPARED FOR SHIPMENT. NOTE: Add attachment freight when ordering this item. The surcharge does not apply to this item #.	\$188,635.00
8	XK6 2700YK4	74" MANUAL TILT CAB RISER with PLATFORM, STAIRS, AND RAILING. CATWALKS AND UPPER UNDERCOVERS INSTALLED, PAINT, AND DECAL.	\$47,595.00
<b>Total List Price</b>			<b>\$653,010.00</b>

## 600 LX MH Tier III

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 600 LX MH)

ENGINE – Isuzu AH-6UZ1XYSS six cylinder, diesel engine turbocharged with air cooled intercooler, electronic fuel injection, 362Net HP (270kW) without fan pump, 329 Net HP (245 kW) with fan pump, 4-cycle, water-cooled, 24-volt starting system, 50 amp alternator, double element air filter with restriction indicator, EPA Tier III compliant.

HYDRAULICS – 2 variable displacement axial piston pumps, one gear pump for pilot controls, one 4 spool valve and one 5 spool valve with auxiliary spool.

CONTROL SYSTEM – Inte-LX Control System with five selectable working modes (auto, heavy, standard, lift, allied attachment), selectable cushion attachment control, self-diagnostic system with memory, idle start, auto engine warm up, low idle up, Nephron filtration system, one touch decelerator, auto idling system, gate lock safety shutoff, disc type swing brake, free swing control.

FACTORY "HIGH & WIDE" LOWER – 12' 2" (3.72 m) gauge by 17' 9" (5.42 m) tractor type (LC) long undercarriage, 2' 5" (0.73 m) ground clearance, sealed rollers and idlers, two-speed independent hydrostatic travel with compact drive, disc type parking brakes, HD travel motor covers, HD center guard, idler mount reinforcement, and double track guides.

OPERATOR CONTROL STATION – Password protected anti-theft system shockless cab suspension (6 fluid mountings), sliding LEXAN® MARGARD® windows, safety glass front window with automatic locking system and vandal cover, combination rear window/emergency exit, reclining suspension operator's seat with adjustable lumbar support, sliding 4-position tilting control consoles, lift-up left console, single pedal travel, illuminated soft-touch switches, illuminated electronic liquid crystal display service monitor, digital clock, climate control heat and a/c with air filter, intermittent windshield wiper, AM/FM radio, dome light, seat belt, horn, coat hook, storage compartment, low-effort controls with control pattern selector valve (SAE to TLB), floor mat, foot rest, battery lighting system, cigarette lighter.

UPPER – 25,515 lb. (11,570 kg) counterweight, reinforced upper frame for cab riser, HD turntable bearing, common key locks on fuel fill, right and left attachment work lights, and access doors.

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment Or Conversion Options - Must Be Ordered Separately				
600LXMH	600 LX MH "HIGH & WIDE HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE: (MUST ORDER CODE D "HIGH & WIDE" SIDEFRAME LOWER FROM SECTION 6) F.O.B. CARLISLE, PA	\$ 464,165	80,910	36,702
600LXMH HCR	600 LX MH "HIGH & WIDE HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE: (MUST ORDER CODE D "HIGH & WIDE" SIDEFRAME LOWER FROM SECTION 6) WITH FACTORY INSTALLED HYDRAULIC CAB RISER (Consult sales office for lead times)	\$ 496,925		
ATTACHMENT - MUST SELECT ONE ITEM				
E	LESS COMPLETE ATTACHMENT	IN BASE		
Track - MUST SELECT ONE ITEM				
B	29.5" (750mm) 3-BAR GROUSER (228.6mm PITCH) SHOES, QTY 100	\$ 35,040	12,943	5,870
Auxiliary Hydraulics - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Air Conditioner - MUST SELECT ONE ITEM				
Y	AIR CONDITIONER	IN BASE		
HBCV - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Other - MUST SELECT ONE ITEM				
D	"HIGH & WIDE" SIDEFRAME LOWER	IN BASE		
Young Conversion				
XK8 3003YK1	YOUNG 54' REACH 3-PIECE MATERIAL HANDLING ATTACHMENT. INSTALLED, TESTED, THEN PREPARED FOR SHIPMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 233,160		
XK8 3003YK2	YOUNG 55' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. INSTALLED, TESTED, THEN PREPARED FOR SHIPMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 198,175		
Young Conversion Options				
XK8 2940YK1	25 kW BALDOR GENERATOR with HUBBELL CONTROLLER. HYDRAULIC DRIVEN PACKAGE INSTALLED. INCLUDES GEN PUMP KIT FOR GENERATOR, ATTACHMENT MAGNET LINK.	\$ 70,870		
XK8 2700YK4	74" MANUAL TILT CAB RISER with PLATFORM, STAIRS, AND RAILING. CATWALKS AND UPPER UNDERCOVERS INSTALLED, PAINT, AND DECAL.	\$ 49,045		
XK8 2970A	LOAD HOLDING VALVE (HOSE BURST FACTORY INSTALLED PRICE)	\$ 41,040		
ATTACHMENT FREIGHT				
Young Conversion Prices F.O.B. Seattle, WA to Carlisle, PA				
FREIGHT 600	ATTACHMENT FREIGHT TO CARLISLE, PA - Dealer net amount - NO discount should be applied	\$ 8,650		

### 600LX MH Tier III STANDARD CONFIGURATION

0	600LXMH	600LX MH "HIGH & WIDE" HYDRAULIC CRAWLER MATERIAL HANDLER BASE MACHINE: (MUST ORDER CODE D "HIGH & WIDE" SIDEFRAME LOWER FROM SECTION 6) F.O.B. CARLISLE, PA	\$464,165.00
1	E	LESS COMPLETE ATTACHMENT	IN BASE
2	B	29.5" (750mm) 3-BAR GROUSER (228.6mm PITCH) SHOES, QTY 100	\$35,040.00
3	N	NO OPTION TAKEN	
4	Y	AIR CONDITIONER	IN BASE
5	N	NO OPTION TAKEN	
6	D	"HIGH & WIDE" SIDEFRAME LOWER	IN BASE
<b>Total List Price</b>			<b>\$499,205.00</b>
<b>ORDER SPEC:</b>			<b>600LXMH-EBNYND</b>

## 700 X2 MH

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 700X2EX)

ENGINE – Isuzu AH-6WG1XYSS-01 Tier 3 turbocharged diesel engine with electronic fuel control, 463 Net HP (345 kW) rated without fan pump, 15.7 Liter displacement, 6-cylinder, water-cooled, EGR with cooler, air-to-air intercooler, fuel cooler, auto idle-start, auto warm-up, EPF engine protection, reversible cooling fan, 24-volt system, 50 amp alternator, dual stage fuel filtration, remote oil filter, Green Plug oil drain, double element air filter.

HYDRAULICS – 2 variable displacement axial piston pumps, one gear pump for pilot controls, one 4 spool valve and one 5 spool valve with auxiliary spool.

CONTROL SYSTEM – Three selectable working modes, Anti-theft password protection system, on-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Auto power boost, Gate lock safety shutoff, Cab Anti-Interference device.

LOWER – 19' 3" (5.88m) expandable/retractable LC long undercarriage by 10' 8" (3.25m) track gauge extended, sealed and strutted track chain, sealed rollers and idlers, two-speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, double track guides, swivel guard.

OPERATOR CONTROL STATION – Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level I operator protection guard - front, Pressurized cab with climate control a/c and heat with defroster, LCD monitor, Illuminated soft-touch switches, Low-effort controls pre-wired for auxiliary hydraulics, Single pedal travel, Sliding LEXAN® MARGARD® windows, Safety glass front window with automatic locking system, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

UPPER – 22,928 lb. (10,400 kg) counterweight, upper undercovers, turntable bearing, catwalk on left side.

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment Or Conversion Options - Must Be Ordered Separately				
700X2EX	700X2EX HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 613,990	100,099	45,404
ATTACHMENT - MUST SELECT ONE ITEM				
E	LESS COMPLETE ATTACHMENT	IN BASE		
Track - MUST SELECT ONE ITEM				
A	29.5" (750mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102	\$ 52,265		
B	35.4" (900mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102	\$ 60,375		
N	NO OPTION TAKEN			
Auxiliary Hydraulics - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Air Conditioner - MUST SELECT ONE ITEM				
Y	AIR CONDITIONER	IN BASE		
HBCV - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Other - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN	IN BASE		
Other - MUST SELECT ONE ITEM				
B	WITH COUNTERWEIGHT REMOVAL SYSTEM	\$ 27,605		
N	NO OPTION TAKEN			
Young Conversion				
XK9 3003YK2	YOUNG 55' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 298,110		
XK9 3003YK3	YOUNG 68' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 358,875		
XENC 3000A	YOUNG 62' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 325,990		
XHMC 2995A	YOUNG HYDRAULIC CONTROL PACKAGE (Magnet or Grapple). Includes OHS and controls to improve controllability and smoother operation of the Young attachment and tool.	\$ 26,885		
XHMC 2995B	YOUNG HYDRAULIC CONTROL PACKAGE (Grapple ONLY). Includes OHS and controls to improve controllability and smoother operation of the Young attachment and tool.	\$ 21,390		
XENC 3005A	MAGNET CROSSHEAD W/ SHACKLE	\$ 11,785		
XENC 2020A	4,400 LBS. ADDITIONAL COUNTERWEIGHT (MUST BE NON REMOVAL CTWT)	\$ 20,290		
XK9 2940YK1	33 kW BALDOR GENERATOR with HUBBELL CONTROLLER. HYDRAULIC DRIVEN PACKAGE INSTALLED.	\$ 94,390		
XK9 2700YK4	YOUNG 78" MANUAL TILT CAB RISER WITH PLATFORM, STAIRS, AND RAILING. Includes installation, LH catwalk, frame reinforcement, paint, and decals.	\$ 46,545		
XK9 2700YK5	YOUNG 96" MANUAL TILT CAB RISER WITH PLATFORM, STAIRS, AND RAILING. Includes installation, LH catwalk, frame reinforcement, paint, and decals.	\$ 56,980		
XK9 2700YK6	YOUNG 120" MANUAL TILT CAB RISER WITH PLATFORM, STAIRS, AND RAILING. Includes installation, LH catwalk, frame reinforcement, paint, and decals.	\$ 68,000		
XK9 1017YK1	YOUNG GAUGE WIDENER - INSTALLED (Required with 62' and 68' 2-Piece Material Handling Attachment)	\$ 99,575		
XENC 2970A	LOAD HOLDING VALVE (HOSE BURST FACTORY INSTALLED PRICE) THIS VALVE IS NOW AN OSHA REQUIREMENT FOR BARGE UNLOADING	\$ 51,630		



## ATTACHMENT FREIGHT

FREIGHT 700

ATTACHMENT FREIGHT TO CARLISLE, PA - Dealer net amount - NO discount should be applied \$ 11,600

## 700X2 MH STANDARD CONFIGURATION

0	700X2EX	700X2EX HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 613,990
1	E	LESS COMPLETE ATTACHMENT	IN BASE
2	A	29.5" (750mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102	\$52,265.00
3	N	NO OPTION TAKEN	
4	Y	AIR CONDITIONER	IN BASE
5	N	NO OPTION TAKEN	
6	N	NO OPTION TAKEN	
7	N	NO OPTION TAKEN	
Total List Price			\$666,255.00
ORDER SPEC:			700X2EX-EANYNN

## 800 X2 MH

Crawler Scrap / Material Handler

### BASE MACHINE DESCRIPTION (ITEM 800X2EX)

ENGINE – Isuzu AH-6WG1X six cylinder, diesel engine turbocharged with air cooled intercooler, electronic fuel injection, 532 SAE Net HP (397kW), water-cooled, 24-volt starting system, 90 amp alternator, double element air filter with restriction indicator, EPA Tier III compliant.

HYDRAULICS – 2 variable displacement axial piston pumps, one gear pump for pilot controls, one 4 spool valve and one 5 spool valve with auxiliary spool.

CONTROL SYSTEM – Three selectable working modes, Anti-theft password protection system, on-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Auto power boost, Gate lock safety shutoff, Cab Anti-Interference device.

LOWER – 9' 3" (2.83 m) gauge by 20' 10" (6.36 m) tractor type (LC) long undercarriage, 2' 11" (0.89 m) ground clearance, sealed rollers and idlers, two-speed independent hydrostatic travel with compact drive, disc type parking brakes, lower undercover.

OPERATOR CONTROL STATION – Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level I operator protection guard - front, Pressurized cab with climate control a/c and heat with defroster, LCD monitor, Illuminated soft-touch switches, Low-effort controls pre-wired for auxiliary hydraulics, Single pedal travel, Sliding LEXAN® MARGARD® windows, Safety glass front window with automatic locking system, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, Shockless cab suspension with four fluid mountings, KAB® reclining suspension seat, Sliding 4-position tilting control consoles, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrests, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

UPPER – 27,600 lb. (12,500 kg) counterweight, upper undercovers, turntable bearing, catwalk on left side.

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE				
Does Not Include Attachment Or Conversion Options - Must Be Ordered Separately				
800X2EX	800X2EX HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$ 771,700	119,085	54,016
ATTACHMENT - MUST SELECT ONE ITEM				
E	LESS COMPLETE ATTACHMENT	IN BASE		
Track - MUST SELECT ONE ITEM				
A	29.5" (750mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102	\$ 52,265		
B	35.4" (900mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102	\$ 60,375		
N	NO OPTION TAKEN			
Auxiliary Hydraulics - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Air Conditioner - MUST SELECT ONE ITEM				
Y	AIR CONDITIONER	IN BASE		
HBCV - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN			
Other - MUST SELECT ONE ITEM				
N	NO OPTION TAKEN	IN BASE		
Other - MUST SELECT ONE ITEM				
B	WITH COUNTERWEIGHT REMOVAL SYSTEM	\$ 27,605		
N	NO OPTION TAKEN			
Young Conversion				
XHNC 3000A	YOUNG 55' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 298,110		
XHNC 3000B	YOUNG 62' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 325,990		
XHNC 3000C	YOUNG 68' REACH 2-PIECE MATERIAL HANDLING ATTACHMENT. Includes all cylinders and hydraulic lines for clam and remote lube lines, hydraulic control package, rotation lines installed, tested, and prepared for shipment. NOTE: Add attachment freight when ordering this item.	\$ 358,875		
XHNC 2995A	YOUNG HYDRAULIC CONTROL PACKAGE (Magnet or Grapple). Includes OHS and controls to improve controllability and smoother operation of the Young attachment and tool.	\$ 26,885		
XHNC 2995B	YOUNG HYDRAULIC CONTROL PACKAGE (Grapple ONLY). Includes OHS and controls to improve controllability and smoother operation of the Young attachment and tool.	\$ 21,390		
XHNC 3005A	MAGNET CROSSHEAD W/ SHACKLE	\$ 12,525		
XHNC 2020A	4,400 LBS. ADDITIONAL COUNTERWEIGHT (MUST BE NON REMOVAL CTW)	\$ 21,560		
XHNC 2940A	33 kW BALDOR GENERATOR with HUBBELL CONTROLLER. HYDRAULIC DRIVEN PACKAGE INSTALLED.	\$ 100,290		
XHNC 2700A	YOUNG 78" MANUAL TILT CAB RISER WITH PLATFORM, STAIRS, AND RAILING. Includes installation, LH catwalk, frame reinforcement, paint, and decals.	\$ 49,455		
XHNC 9800A	YOUNG GAUGE WIDENER - INSTALLED (Required with 62' and 68' 2-Piece Material Handling Attachment)	\$ 105,800		
XHNC 2970A	LOAD HOLDING VALVE (HOSE BURST FACTORY INSTALLED PRICE) THIS VALVE IS NOW AN OSHA REQUIREMENT FOR BARGE UNLOADING	\$ 54,860		

## ATTACHMENT FREIGHT

FREIGHT 800

ATTACHMENT FREIGHT TO CARLISLE, PA - Dealer net amount - NO discount should be applied \$ 11,600

## 800X2 MH STANDARD CONFIGURATION

0	800X2EX	800X2EX HYDRAULIC CRAWLER EXCAVATOR BASE MACHINE F.O.B. PORT OF ENTRY	\$	771,700
1	E	LESS COMPLETE ATTACHMENT		IN BASE
2	A	29.5" (750mm) 2-BAR GROUSER (260.35mm PITCH) SHOES, QTY 102		\$52,265.00
3	N	NO OPTION TAKEN		
4	Y	AIR CONDITIONER		IN BASE
5	N	NO OPTION TAKEN		
6	N	NO OPTION TAKEN		
7	N	NO OPTION TAKEN		
			<b>Total List Price</b>	<b>\$823,965.00</b>
			<b>ORDER SPEC:</b>	<b>800X2EX-EANYNNN</b>

# 210 X2 FORESTRY

Forestry Equipment for RB Applications

## BASE MACHINE DESCRIPTION (ITEM 210X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 157 Net HP (117 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Thumb Auxiliary Hydraulics Factory Installed. Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Thumb hydraulics includes tubing to end of boom and jumper hoses from base unit to boom, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,790 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choice:

High-Narrow for RB applications: 11' 5.5" (3.50m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER	LIST	
210X2RBN	210X2 RBN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for RB applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$	254,860
Factory-Installed Attachment - MUST SELECT ONE ITEM			
A	ROADBUILDER BOOM 18' 8" (5.70m), ARM 9' 8" (2.94m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE	\$	29,755
B	ROADBUILDER BOOM 18' 8" (5.70m), ARM 9' 8" (2.94m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, (LESS BUCKET CYLINDER, LESS HEAVY DUTY BUCKET LINKAGE)	\$	24,060
Track - MUST SELECT ONE ITEM			
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$	22,125
B	27.5" (700mm) 3-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$	20,970
N	NO OPTION TAKEN		
Cab / Riser - MUST SELECT ONE ITEM			
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$	62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$	61,320
Esco Buckets for RoadBuilders Esco Bucket Prices F.O.B Covington, KY			
XEHC 9010A	HDP - .64 yd3 (.49 m3) Capacity - 24" (610mm) Width Outside Lip - 3 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	6,500
XEHC 9010B	HDP - .85 yd3 (.65 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	7,195
XEHC 9010C	HDP - 1.07 yd3 (.82 m3) Capacity - 36" (914mm) Width Outside Lip - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	7,500
XEHC 9010D	HDP - 1.29 yd3 (.99 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	7,685
XEHC 9010E	HDP - 1.51 yd3 (1.15 m3) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	8,225
XEHC 9010F	HDP - 1.72 yd3 (1.32 m3) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	9,245

Esco Buckets for RoadBuilders			
Esco Bucket Prices F.O.B Covington, KY			
XEHC 9015C	XDP - 1.07 yd3 (.82 m3) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	9,410
XEHC 9015D	XDP - 1.29 yd3 (.99 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	9,855
XEHC 9015E	XDP - 1.51 yd3 (1.15 m3) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	10,525
XE6 9005A	DITCH - 1.08 yd3 (.83 m3) Capacity - 60" (1524mm) Width Outside Lip Note: 9' 8" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	5,515
XE6 9005B	DITCH - 1.20 yd3 (.92 m3) Capacity - 66" (1676mm) Width Outside Lip Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	5,930
XE6 9005C	DITCH - 1.32 yd3 (1.15m3) Capacity - 72" (1 829mm) Width Outside Lip Note: 9' 8" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	6,345
Couplers			
XEHD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$	10,310
Thumbs			
Esco Thumb Prices F.O.B Bedford, PA			
XEHC 9070A	Esco Universal Mechanical Thumb See Note 3 See Note 4	\$	5,110
XEHC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	13,475
XEHC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	14,975
XEHC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	15,795
XEHC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	16,965
210X2 RBN STANDARD CONFIGURATION			
210X2RBN	210X2 RBN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for RB applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY		\$254,860.00
A	ROADBUILDER BOOM 18' 8" (5.70m), ARM 9' 8" (2.94m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE		\$29,755.00
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102		\$22,125.00
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$62,730.00

**TOTAL LIST PRICE      \$369,470.00**  
**ORDER SPEC    210X2RBN-AC**  
**XFJC 2700B**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

# 210 X2 FORESTRY - PROCESSOR

Forestry Equipment for Dangle-Head Processing Applications

## BASE MACHINE DESCRIPTION (ITEM 210X2 FORESTRY-PROCESSOR)

**OPERATOR CONTROL STATION** – Equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 157 Net HP (117 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Combination double-pump processor supply line, Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,787 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 190mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choices:

High-Narrow: 11' 5.5" (3.49m) width

ITEM		PRICE	lbs	Kg
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Cab/Riser - Must Be Ordered Separately</b>				
210X2 PHN	210X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$ 254,860		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
B	PROCESSOR BOOM 18' 8" (5.70m), ARM 9' 8" (2.94m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS	\$ 38,520		
C	LESS COMPLETE ATTACHMENT WITH BOOM CYLINDERS	\$ 4,675		
<b>TRACK - MUST SELECT ONE ITEM</b>				
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$ 22,125		
B	27.5" (700mm) 3-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$ 20,970		
N	NO OPTION TAKEN	IN BASE		
<b>FORESTRY CAB AND RISER - MUST SELECT ONE ITEM</b>				
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$ 62,730		
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$ 61,320		
<b>STANDARD CONFIGURATION</b>				
210X2 PHN	210X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$254,860.00		
B	PROCESSOR BOOM 18' 8" (5.70m), ARM 9' 8" (2.94m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS	\$38,520.00		
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$22,125.00		
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$62,730.00		
<b>TOTAL LIST PRICE</b>		<b>\$378,235.00</b>		
<b>ORDER SPEC</b>		<b>210X2PHN-BC</b>		
		<b>EFJC 2700B</b>		

# 210 X2 FORESTRY

Forestry Equipment for TL Applications

## BASE MACHINE DESCRIPTION (ITEM 210X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot, and HVAC is not considered climate control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 157 Net HP (117 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,790 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choice:

High-Narrow for TL applications: 11' 5.5" (3.50m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
210X2TLN	210X2 TLN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for TL applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$	254,860
Factory-Installed Attachment - MUST SELECT ONE ITEM			
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 20' 2" (6.15m), ARM 11' 0" (3.35m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	85,195
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)		IN BASE
Track - MUST SELECT ONE ITEM			
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$	22,125
B	27.5" (700mm) 3-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$	20,970
N	NO OPTION TAKEN		
Cab / Riser - MUST SELECT ONE ITEM			
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$	72,565
XFHC 2700D	REAR-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER (installed) includes A/C cab components and A/C charge	\$	106,565
Additional Accessories			
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$	31,370
XFJC 9040B	Pierce TC 58 Grapple for Live-Heel (Includes "dog-bone" link)	\$	32,675
XFJC 9040D	Pierce TC 52 Grapple for Live-Heel (For "thru the nose heel rack" - includes swivel link)	\$	35,175
XFJC 9040E	Pierce TC 58 Grapple for Live-Heel (For "thru the nose heel rack" - includes swivel link)	\$	36,500

210X2 TLN STANDARD CONFIGURATION		
210X2TLN	210X2 TLN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for TL applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$254,860.00
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 20' 2" (6.15m), ARM 11' 0" (3.35m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$85,195.00
C	27.5" (700mm) 2-BAR GROUSER (190mm PITCH) SHOE QTY 102	\$22,125.00
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$72,565.00
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$31,370.00

**TOTAL LIST PRICE      \$466,115.00**  
**ORDER SPEC          210X2TLN-AC**  
**XFJC 2700C**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics



# 240 X2 FORESTRY

Forestry Equipment for RB Applications

## BASE MACHINE DESCRIPTION (ITEM 240X2 RBN / RBW)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Thumb Auxiliary Hydraulics Factory Installed. Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Thumb hydraulics includes tubing to end of boom and jumper hoses from base unit to boom, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,790 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choices:

High-Wide for RB Applications: 11' 11" (3.64m) width

or

High-Narrow for RB applications: 11' 5.5" (3.50m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
240X2RBW	240X2 RBW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for RB applications: 11' 11" (3.64m) width F.O.B. PORT OF ENTRY		\$ 282,245
240X2RBN	240X2 RBN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for RB applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY		\$ 282,080
Factory-Installed Attachment - MUST SELECT ONE ITEM			
A	ROADBUILDER BOOM 19' 2" (5.85m), ARM 9' 10" (3.00m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE		\$ 40,470
B	ROADBUILDER BOOM 19' 2" (5.85m), ARM 9' 10" (3.00m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, (LESS BUCKET CYLINDER, LESS HEAVY DUTY BUCKET LINKAGE)		\$ 32,855
Track - MUST SELECT ONE ITEM			
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$ 33,705
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$ 26,590
N	NO OPTION TAKEN		
Cab / Riser - MUST SELECT ONE ITEM			
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$ 62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER		\$ 61,320
Esco Buckets for RoadBuilders Esco Bucket Prices F.O.B Covington, KY			
XEIC 9010J	HDP - .80 yd3 (.61 m3) Capacity - 24" (610mm) Width - 3 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3		\$ 8,015
XEIC 9010K	HDP - 1.06 yd3 (.81 m3) Capacity - 30" (762mm) Width - 4 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3		\$ 8,380
XEIC 9010L	HDP - 1.33 yd3 (1.02 m3) Capacity - 36" (914mm) Width - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3		\$ 8,815

Esco Buckets for RoadBuilders			
Esco Bucket Prices F.O.B Covington, KY			
XEIC 9010M	HDP - 1.61 yd3 (1.23 m3) Capacity - 42" (1067mm) Width - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	9,655
XEIC 9010N	HDP - 1.89 yd3 (1.45 m3) Capacity - 48" (1219mm) Width - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	10,160
XEIC 9015K	XDP - 1.05 yd3 (.80 m3) Capacity - 30" (762mm) Width - 4 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	12,370
XEIC 9015L	XDP - 1.32 yd3 (1.01 m3) Capacity - 36" (914mm) Width - 4 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	13,240
XEIC 9015M	XDP - 1.59 yd3 (1.22 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 9' 10" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	14,465
XE7 9005A	DITCH - 1.30 yd3 (.99 m3) Capacity - 60" (1524mm) Width Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	7,945
XE7 9005B	DITCH - 1.45 yd3 (1.11 m3) Capacity - 66" (1676mm) Width Note: 9' 10" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	8,500
Couplers			
XEID 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$	11,980
Thumbs			
Esco Thumb Prices F.O.B Bedford, PA			
XEIC 9070A	Esco Universal Mechanical Thumb See Note 3 See Note 4	\$	5,110
XEIC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	13,860
XEIC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	15,040
XEIC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	16,965
XEIC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	18,260
240X2 RBN STANDARD CONFIGURATION			
240X2RBN	240X2 RBN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for RB applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY		\$282,080.00
A	ROADBUILDER BOOM 19' 2" (5.85m), ARM 9' 10" (3.00m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE		\$40,470.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$33,705.00
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$62,730.00

**TOTAL LIST PRICE \$418,985.00**  
**ORDER SPEC 240X2RBN-AC**  
**XFJC 2700B**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

## 240 X2 FORESTRY - PROCESSOR

Forestry Equipment for Dangle-Head Processing Applications

### BASE MACHINE DESCRIPTION (ITEM 240X2 FORESTRY-PROCESSOR)

**OPERATOR CONTROL STATION** – Equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Combination double-pump processor supply line, Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,787 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

#### Undercarriage Choices:

High-Wide: 11' 11" (3.64m) width

or

High-Narrow: 11' 5.5" (3.49m) width

BASE MACHINE			
Does Not Include Attachment, Track or Cab/Riser - Must Be Ordered Separately			
240X2 PHW	240X2 PHW HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Wide for dangle-head processing applications: 11' 11" (3.64m) width F.O.B. PORT OF ENTRY	\$	282,245
240X2 PHN	240X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$	282,080
ATTACHMENT - MUST SELECT ONE ITEM			
B	PROCESSOR BOOM 19' 2" (5.85m), ARM 9' 10" (3.00m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS	\$	47,315
C	LESS COMPLETE ATTACHMENT WITH BOOM CYLINDERS	\$	6,715
TRACK - MUST SELECT ONE ITEM			
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$	33,705
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$	26,590
N	NO OPTION TAKEN		IN BASE
FORESTRY CAB AND RISER - MUST SELECT ONE ITEM			
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$	62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$	61,320
STANDARD CONFIGURATION			
240X2 PHN	240X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY		\$282,080.00
B	PROCESSOR BOOM 19' 2" (5.85m), ARM 9' 10" (3.00m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS		\$47,315.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$33,705.00
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$62,730.00
<b>Total List Price</b>		<b>\$425,830.00</b>	
<b>ORDER SPEC</b>		<b>240X2PHN-BCN</b>	
		<b>EFJC 2700B</b>	

# 240 X2 FORESTRY

Forestry Equipment for TL and BNT Applications

## BASE MACHINE DESCRIPTION (ITEM 240X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot and HVAC is not considered Climate Control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Double-acting auxiliary hydraulics plumbed to boom foot, Grapple circuit control valve for Live-Heel and BNT attachments (Squeeze circuit), Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,790 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choices:

High-Wide for TL / BNT applications: 11' 11" (3.64m) width

or

High-Narrow for TL / BNT applications: 11' 5.5" (3.50m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
240X2TLW	240X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width F.O.B. PORT OF ENTRY	\$	282,245
240X2TLN	240X2 TLN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for TL and BNT applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$	282,080
Factory-Installed Attachment			
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 20' 10" (6.35m), ARM 12' 6" (3.81m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	98,115
B	SCM LOGGING ATTACHMENT (FOR USE WITH BUTT-N-TOP STICK), BOOM 20' 10" (6.35m), BOOM CYLINDERS, ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, LESS ARM, LESS LIVE-HEEL AND CYLINDER (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	34,010
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)		
Track			
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$	33,705
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$	26,590
N	NO OPTION TAKEN		
Cab / Riser Related			
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$	72,565
XFHC 2700D	REAR-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER (installed) includes A/C cab components and A/C charge	\$	106,565

Log Loader Attachment			
XFJC 3000L	BUTT-N-TOP LOGGING ATTACHMENT, ARM 15' 10" (4.83m)	\$	69,770
Additional Accessories			
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$	31,370
XFJC 9040B	Pierce TC 58 Grapple for Live-Heel (Includes "dog-bone" link)	\$	32,675
XFJC 9040D	Pierce TC 52 Grapple for Live-Heel (For "thru the nose heel rack" - includes swivel link)	\$	35,175
XFJC 9040E	Pierce TC 58 Grapple for Live-Heel (For "thru the nose heel rack" - includes swivel link)	\$	36,500
240X2 TLN STANDARD CONFIGURATION			
240X2TLW	240X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width F.O.B. PORT OF ENTRY	\$	282,245.00
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 20' 10" (6.35m), ARM 12' 6" (3.81m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	98,115.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$	33,705.00
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$	72,565.00
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$	31,370.00

**TOTAL LIST PRICE** \$ 518,000.00

**ORDER SPEC** **240X2TLW-AC**  
**XFJC 2700C**  
**XFJC 9040A**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

# 240 X2 FORESTRY

Forestry Equipment for DL Applications

## BASE MACHINE DESCRIPTION (ITEM 240X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot and HVAC is not considered Climate Control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AI-4HK1X Tier 3 turbocharged diesel engine with electronic fuel control, 177 Net HP (132 kW), 5.2 Liter displacement, 4-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Double-acting auxiliary hydraulics plumbed to boom foot, Grapple circuit control valve for Live-Heel and BNT attachments (Squeeze circuit), Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 12,790 lb. (5,800 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

### Undercarriage Choices:

Low-Narrow for Stroke-Delimiter applications: 10' 10" (3.30m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
240X2FDL	240X2 FDL HYDRAULIC CRAWLER FORESTRY BASE MACHINE - Low-Narrow for DHP and Stroke-Delimiter applications: 10' 10" (3.30m) width F.O.B. PORT OF ENTRY		\$ 271,125
Factory-Installed Attachment			
C	LESS COMPLETE ATTACHMENT WITH BOOM CYLINDERS		\$ 6,715
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)		
Track			
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$ 33,705
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$ 26,590
N	NO OPTION TAKEN		
ITEM	Auxiliary		LIST
T	THUMB AUXILIARY HYDRAULICS for ROADBUILDER ATTACHMENT (Includes tubing to end of boom and jumper hoses from base unit to boom) Not for use with a hammer or processor		\$ 535
X	SECONDARY AUXILIARY HYDRAULICS for ROADBUILDER ATTACHMENT (Provides rotation or tilt for hydraulically operated tools; Includes tubing to end of attachment and jumper hoses from base unit to boom)		CONSULT SALES OFFICE
R	COMBINATION THUMB and SECONDARY AUXILIARY HYDRAULICS for ROADBUILDER ATTACHMENT		CONSULT SALES OFFICE
N	NO OPTION TAKEN		
Cab / Riser Related			
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$ 62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER		\$ 61,320

240X2 FDL STANDARD CONFIGURATION		
240X2FDL	240X2 FDL HYDRAULIC CRAWLER FORESTRY BASE MACHINE - Low-Narrow for DHP and Stroke-Delimer applications: 10' 10" (3.30m) width F.O.B. PORT OF ENTRY	\$271,125.00
C	LESS COMPLETE ATTACHMENT WITH BOOM CYLINDERS	\$6,715.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94	\$33,705.00
N	NO OPTION TAKEN	
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$62,730.00

**TOTAL LIST PRICE      \$374,275.00**  
**ORDER SPEC      240X2FDL-CCN**  
**XFJC 2700B**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

## 290 X2 FORESTRY

Forestry Equipment for TL and BNT Applications

### BASE MACHINE DESCRIPTION (ITEM 290X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot and HVAC is not considered Climate Control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 207 Net HP (154 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Double-acting auxiliary hydraulics plumbed to boom foot, Grapple circuit control valve for Live-Heel and BNT attachments (Squeeze circuit), Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 15,212 lb. (6,900 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

#### Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

or

High-Narrow for all forestry applications: 11' 5.5" (3.50m) width

BASE MACHINE			
ITEM	BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
290X2TLW	290X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance)	\$	324,525
290X2TLN	290X2 TLN HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Narrow for TL and BNT applications: 11' 5.5" (3.49m) width	\$	324,360
Factory-Installed Attachment			
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 21' 4" (6.50m), ARM 14' 0" (4.27m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	109,200
B	SCM LOGGING ATTACHMENT (FOR USE WITH BUTT-N-TOP STICK), BOOM 21' 4" (6.50m), BOOM CYLINDERS, ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, LESS ARM, LESS LIVE-HEEL AND CYLINDER (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$	41,205
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)		
Track			
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 96	\$	34,425
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 96	\$	27,155
N	NO OPTION TAKEN		
Cab / Riser Related			
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$	72,565
XFJC 2700D	REAR-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$	106,565
Log Loader Attachment			
XFJC 3000K	PIERCE BUTT-N-TOP LOGGING ATTACHMENT, ARM 16' 7" (5.05m) INSTALLED	\$	73,085



Additional Accessories			
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$	31,370
XFJC 9040B	Pierce TC 58 Grapple for Live-Heel (Includes "dog-bone" link)	\$	32,675
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)	\$	34,475
290X2 TLW STANDARD CONFIGURATION			
290X2TLW	290X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance)		\$324,525.00
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 21' 4" (6.50m), ARM 14' 0" (4.27m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)		\$109,200.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 94		\$34,425.00
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER		\$72,565.00
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)		\$34,475.00

**TOTAL LIST PRICE**      **\$575,190.00**  
**ORDER SPEC**      **290X2TLW-AC**  
**XFJC 2700C**  
**XFJC 9040C**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

# 290 X2 FORESTRY - PROCESSOR

Forestry Equipment for Dangle-Head Processing Applications

## BASE MACHINE DESCRIPTION (ITEM 290X2 FORESTRY-PROCESSOR)

**OPERATOR CONTROL STATION** – Equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 207 Net HP (154 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Combination double-pump processor supply line, Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 15,212 lb. (6,900 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

or

High-Narrow for all forestry applications: 11' 5.5" (3.49m) width

ITEM		PRICE	lbs	Kg
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment, Track or Cab/Riser - Must Be Ordered Separately</b>				
290X2 PHW	290X2 PHW HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Wide for dangle-head processing applications: 11' 11" (3.64m) width F.O.B. PORT OF ENTRY	\$ 324,525		
290X2 PHN	290X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$ 324,360		
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
B	PROCESSOR BOOM 20' 2" (6.15m), ARM 10' 5" (3.18m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS	\$ 49,300		
C	LESS COMPLETE ATTACHMENT WITH BOOM CYLINDERS	\$ 7,545		
<b>TRACK - MUST SELECT ONE ITEM</b>				
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 96	\$ 34,425		
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 96	\$ 27,155		
N	NO OPTION TAKEN	IN BASE		
<b>FORESTRY CAB AND RISER - MUST SELECT ONE ITEM</b>				
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$ 62,730		
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$ 61,320		
<b>STANDARD CONFIGURATION</b>				
290X2 PHN	290X2 PHN HYDRAULIC CRAWLER FORESTRY PROCESSOR BASE MACHINE - High-Narrow for dangle-head processing applications: 11' 5.5" (3.49m) width F.O.B. PORT OF ENTRY	\$324,360.00		
B	PROCESSOR BOOM 20' 2" (6.15m), ARM 10' 5" (3.18m), HIGH-LIFT BOOM BRACKET, BOOM CYLINDERS, ARM CYLINDER, (2) LIGHTS	\$49,300.00		
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 96	\$34,425.00		
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$62,730.00		
<b>Total List Price</b>		<b>\$470,815.00</b>		
<b>ORDER SPEC</b>		<b>290X2PHN-BCN</b>		
		<b>EFJC 2700B</b>		

# 350 X2 FORESTRY

Forestry Equipment for RB Applications

## BASE MACHINE DESCRIPTION (ITEM 350X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Thumb Auxiliary Hydraulics Factory Installed. Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Thumb hydraulics includes tubing to end of boom and jumper hoses from base unit to boom, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 18,518 lb. (8,400 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

ITEM		PRICE
BASE MACHINE		
BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		LIST
350X2RBW	350X2 RBW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for RB applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$ 388,010
Factory-Installed Attachment		
A	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE, (2) HID LIGHTS	\$ 56,735
B	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, (LESS BUCKET CYLINDER, LESS HEAVY DUTY BUCKET LINKAGE), (2) HID LIGHTS	\$ 51,940
Track		
D	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 100	\$ 34,470
E	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 100	\$ 27,415
N	NO OPTION TAKEN	
Cab / Riser Related		
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$ 62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$ 61,320
Esco Buckets for RoadBuilders		
Esco Bucket Prices F.O.B Covington, KY		
XEKC 9010A	HDP - 1.22 yd3 (.93 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 12,120
XEKC 9010B	HDP - 1.54 yd3 (1.18 m3) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 12,410
XEKC 9010C	HDP - 1.86 yd3 (1.42 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 13,030
XEKC 9010D	HDP - 2.19 yd3 (1.67 m3) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$ 14,020
XEKC 9010E	HDP - 2.53 yd3 (1.93 m3) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$ 14,930
XEKC 9015A	XDP - 1.12 yd3 (.86 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 15,045
XEKC 9015B	XDP - 1.42 yd3 (1.09 m3) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 15,850
XEKC 9015C	XDP - 1.86 yd3 (1.42 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 16,550
XK6 9015D	XDP - 2.19 yd3 (1.67 m3) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$ 16,985
XK6 9005B	DITCH - 2.20 yd3 (1.68m3) Capacity - 60" (1524mm) Width Outside Lip Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$ 9,115

COUPLERS			
XEKD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$	13,620
Thumbs Esco Thumb Prices F.O.B Bedford, PA			
XEKC 9070A	Esco Universal Mechanical Thumb, 3-Tine (For use with buckets equipped with 4 teeth) See Note 3 See Note 4	\$	7,175
XEKC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	15,460
XEKC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	16,800
XEKC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	18,725
XEKC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	20,185
350X2 RBW STANDARD CONFIGURATION			
350X2RBW	350X2 RBW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for RB applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY		\$388,010.00
A	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE, (2) HID LIGHTS		\$56,735.00
D	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 100		\$34,470.00
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$62,730.00

**TOTAL LIST PRICE \$541,945.00**  
**ORDER SPEC 350X2RBW-AD**  
**XFJC 2700B**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

# 350 X2 FORESTRY

Forestry Equipment for TL and BNT Applications

## BASE MACHINE DESCRIPTION (ITEM 350X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot and HVAC is not considered Climate Control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Double-acting auxiliary hydraulics plumbed to boom foot, Grapple circuit control valve for Live-Heel and BNT attachments (Squeeze circuit), Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 18,518 lb. (8,400 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 216mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

ITEM		PRICE
BASE MACHINE		LIST
<b>BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER</b>		
350X2TLW	350X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$ 388,010
Factory-Installed Attachment		
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 23' 2" (7.06m), ARM 13' 8" (4.17m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$ 125,035
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)	
Track		
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 100	\$ 34,470
B	27.5" (700mm) 3-BAR GROUSER (216mm PITCH) SHOE QTY 100	\$ 27,415
N	NO OPTION TAKEN	
Cab / Riser Related		
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$ 72,565
XFKC 2700D	REAR-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$ 106,565

Additional Accessories		
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 31,370
XFJC 9040B	Pierce TC 58 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 32,675
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 34,475
350X2 TLW STANDARD CONFIGURATION		
350X2TLW	350X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for all forestry applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$388,010.00
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 23' 2" (7.06m), ARM 13' 8" (4.17m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$125,035.00
C	27.5" (700mm) 2-BAR GROUSER (216mm PITCH) SHOE QTY 100	\$34,470.00
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$72,565.00
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)	\$34,475.00

**TOTAL LIST PRICE \$654,555.00**  
**ORDER SPEC 350X2TLW-AC**  
**XFJC 2700C**  
**XFJC 9040C**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

## 360 X2 RUBBER TIRE - MILL YARD FORESTRY CAB

Forestry Equipment for Mill Yard Applications

### BASE MACHINE DESCRIPTION (ITEM 360X2 RT CMY)

OPERATOR CONTROL STATION – Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, climate control A/C and heat with defroster, KAB® air suspension seat, Reinforced Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level I operator protection guard - front, Sliding 4-position tilting control consoles, LCD monitor, Illuminated soft-touch switches, SureGrip® controls pre-wired for auxiliary functions, Steering wheel - adjustable/telescoping, Accelerator and brake pedals, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrest, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

CONTROL SYSTEM – Three selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Neutral safety start, Free Swing, Park brake, Axle-oscillation control, Outtrigger control, FWD/REV shift, Transmission shifter, Gate lock safety shutoff.

ENGINE – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Common-rail fuel injection, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Cyclone pre-clean air filter, Double element air filter.

HYDRAULICS – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump for steering, braking and transmission, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, (2) Additional auxiliary spools for cab riser and grapple rotate, Brake valve with accumulators, Orbitrol steering valve, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

UPPERSTRUCTURE – 18,960 lb. (8,600 kg) MH counterweight, HD Reinforced frame, Heavy-duty MH turntable bearing, Common key locks, Non-skid surface pads, Handrails, Mirrors.

CHASSIS – Steel frame chassis with integral bearing tub, Replaceable bolt-on outrigger steps, (2) Toolbox - lockable, (4) Outtrigger stabilizers with protective cylinder guards and 21-inch pads - simultaneous activation, Non-skid surface pads on chassis deck, Bolt-on ladders for ingress/egress at each end, Ladders on each side for upper access, transmission belly pan.

TIRES - Titan Brand pneumatic rubber tires, 16.00-25, 32 ply tread profile, Tire Quantity - 4

POWERTRAIN - ZF® 2HL290 Hydrostatic transmission with internal park brake, FWD/REV with 2-speed High/Low powershift, Travel speeds to 12 mph, Kessler® Series 81 planetary drive axles, Steering/oscillating front axle, Rigid rear axle, 4WD, 2-wheel steer, Internal wet disc service brakes.

ITEM	DESCRIPTION	PRICE	LBS	KG
<b>BASE MACHINE</b>				
<b>Does Not Include Attachment - Must Be Ordered Separately</b>				
360X2RT-CMYBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$ 594,885	74,870	33960
<b>ATTACHMENT - MUST SELECT ONE ITEM</b>				
XHPC 3000B	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate) F.O.B. SEATTLE, WA	\$ 103,065	19,250	8732
<b>FORESTRY CAB - MUST SELECT BOTH ITEMS</b>				
FJCN0005	SIDE ENTRY FORESTRY CAB <b>NOTE: PRICE DOES NOT INCLUDE CAB INSTALL OR RISER REINFORCEMENT</b>	\$ 52,735		
FJCP0008	SIDE ENTRY CAB KIT	\$ 5,795		
<b>OTHER</b>				
XHPC 2995B	EHP HYDRAULIC SYSTEM INSTALLED	IN BASE		
<b>OPTIONAL FACTORY-INSTALLED ACCESSORIES</b>				
<b>Must Accompany Factory Order or Contact Parts Department</b>				
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 6,845	25	10.6
XHPC 2965B	LINCOLN LUBE SYSTEM - AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 11,285	25	10.6
<b>OPTIONAL ACCESSORIES</b>				
SAX00115	PINTLE HOOK AND MOUNTING KIT	\$ 620		

FREIGHT		
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ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - no discount should be applied	\$	6,000
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360X2 RT CMY STANDARD CONFIGURATION		
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360X2RT-CMYBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$594,885.00
XHPC 3000B	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate) F.O.B. SEATTLE, WA	\$103,065.00
FJCN0005	S/E FORESTRY CAB	\$52,735.00
FJCP0008	S/E CAB KIT	\$5,795.00
XHPC 2995B	EHP HYDRAULIC SYSTEM INSTALLED	IN BASE
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$6,845.00

	TOTAL LIST PRICE	\$763,325.00
ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - No discount should be applic	\$6,000.00	
NOTE 1: This item will affect availability. Please consult sales office.	ORDER SPEC 360X2RT CMYBASE	
NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.	XHPC 3000B	
	FJCN0005	
	FJCP0008	
	XHPC 2995B	
	XHPC 2965A	



## 360 X2 RUBBER TIRE - MILL YARD GUARDED CAB

Forestry Equipment for Mill Yard Applications

### BASE MACHINE DESCRIPTION (ITEM 360X2 RT GMY)

OPERATOR CONTROL STATION – Pressurized cab with climate control A/C and heat with defroster, KAB® air suspension seat, Hydraulic cab riser with emergency lowering system, Emergency rear exit window with ladder, Level 2 operator protection guard - front, Level 2 top FOPS guard, Sliding 4-position tilting control consoles, LCD monitor, Illuminated soft-touch switches, SureGrip® controls pre-wired for auxiliary functions, Steering wheel - adjustable/telescoping, Accelerator and brake pedals, Intermittent windshield wiper with washer, Polycarbonate roof hatch with sunshade, AM/FM radio, Digital clock, Dome light, Seat belt, Coat hook, Cup holder, Storage compartments, Floor mat, Footrest, Ashtray, 24-volt cigarette lighter, 12-volt outlet, Travel alarm, Handrail, Mirrors.

CONTROL SYSTEM – Three selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Auto-idling system, One-touch decelerator, Neutral safety start, Free Swing, Park brake, Axle-oscillation control, Outtrigger control, FWD/REV shift, Transmission shifter, Gate lock safety shutoff.

ENGINE – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Common-rail fuel injection, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Cyclone pre-clean air filter, Double element air filter.

HYDRAULICS – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump for steering, braking and transmission, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, (2) Additional auxiliary spools for cab riser and grapple rotate, Brake valve with accumulators, Orbitrol steering valve, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

UPPERSTRUCTURE – 18,960 lb. (8,600 kg) MH counterweight, HD Reinforced frame, Heavy-duty MH turntable bearing, Common key locks, Non-skid surface pads, Handrails, Mirrors.

CHASSIS – Steel frame chassis with integral bearing tub, Replaceable bolt-on outrigger steps, (2) Toolbox - lockable, (4) Outrigger stabilizers with protective cylinder guards and 21-inch pads - simultaneous activation, Non-skid surface pads on chassis deck, Bolt-on ladders for ingress/egress at each end, Ladders on each side for upper access, transmission belly pan, pintle hitch installed.

TIRES - Titan Brand pneumatic rubber tires, 16.00-25, 32 ply tread profile, Tire Quantity - 4

POWERTRAIN - ZF® 2HL290 Hydrostatic transmission with internal park brake, FWD/REV with 2-speed High/Low powershift, Travel speeds to 12 mph, Kessler® Series 81 planetary drive axles, Steering/oscillating front axle, Rigid rear axle, 4WD, 2-wheel steer, Internal wet disc service brakes.

ITEM	DESCRIPTION	PRICE	LBS	KG
BASE MACHINE Does Not Include Attachment - Must Be Ordered Separately				
360X2RT-GMYBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$ 599,885	74,870	33960
ATTACHMENT - MUST SELECT ONE ITEM				
XHPC 3000B	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate) F.O.B. SEATTLE, WA	\$ 103,065	19,250	8732
OTHER				
XHPC 2995B	EHP HYDRAULIC SYSTEM INSTALLED	IN BASE		
OPTIONAL FACTORY-INSTALLED ACCESSORIES Must Accompany Factory Order or Contact Parts Department				
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 6,845	25	10.6
XHPC 2965B	LINCOLN LUBE SYSTEM - AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$ 11,285	25	10.6
FREIGHT				
	ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - no discount should be applied	\$ 6,000		
360X2 RT CMY STANDARD CONFIGURATION				
360X2RT-GMYBASE	360X2 RUBBER TIRE MATERIAL HANDLER BASE MACHINE FOB - NEW PHILADELPHIA, OH	\$599,885.00		
XHPC 3000B	56' REACH, 2-PIECE MATERIAL HANDLING ATTACHMENT (Includes boom and arm cylinders; includes hydraulic lines for open/close and rotate) F.O.B. SEATTLE, WA	\$103,065.00		
XHPC 2995B	EHP HYDRAULIC SYSTEM INSTALLED	IN BASE		
XHPC 2965A	LINCOLN LUBE SYSTEM - SEMI-AUTOMATIC (Lubricates attachment and TTB) See Note 1, See Note 2	\$6,845.00		

	<b>TOTAL LIST PRICE</b>	<b>\$709,795.00</b>
<b>ATTACHMENT FREIGHT TO GRADALL - Dealer Net Amount - No discount should be applied</b>		<b>\$6,000.00</b>
<b>ORDER SPEC</b>	<b>360X2RT GMYBASE</b>	
	<b>XHPC 3000B</b>	
	<b>XHPC 2995B</b>	
	<b>XHPC 2965A</b>	

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

# 370 X2 FORESTRY

Forestry Equipment for RB Applications

## BASE MACHINE DESCRIPTION (ITEM 370X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Thumb Auxiliary Hydraulics Factory Installed. Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Thumb hydraulics includes tubing to end of boom and jumper hoses from base unit to boom, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 18,518 lb. (8,400 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 228mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

ITEM		PRICE
<b>BASE MACHINE</b>		
<b>BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER</b>		<b>LIST</b>
370X2RBW	370X2 RBW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for all RB applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$ 413,505
<b>Factory-Installed Attachment</b>		
A	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE, (2) HID LIGHTS	\$ 56,735
B	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, (LESS BUCKET CYLINDER, LESS HEAVY DUTY BUCKET LINKAGE), (2) HID LIGHTS	\$ 51,940
<b>Track</b>		
C	27.5" (700mm) 2-BAR GROUSER (228mm PITCH) SHOE QTY 100	\$ 48,000
B	29.5" (750mm) 3-BAR GROUSER (228mm PITCH) SHOE QTY 100	\$ 33,570
N	NO OPTION TAKEN	
<b>Cab / Riser Related</b>		
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER	\$ 62,730
XFJC 2700A	SIDE-ENTRY FORESTRY CAB with 9" (229mm) FIXED CAB RISER	\$ 61,320
<b>ESCO BUCKETS FOR ROADBUILDERS FOB - Covington, KY</b>		
XEKC 9010A	HDP - 1.22 yd3 (.93 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 12,120
XEKC 9010B	HDP - 1.54 yd3 (1.18 m3) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$ 12,410

ESCO BUCKETS FOR ROADBUILDERS FOB - Covington, KY			
XEKC 9010C	HDP - 1.86 yd3 (1.42 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	13,030
XEKC 9010D	HDP - 2.19 yd3 (1.67 m3) Capacity - 48" (1219mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	14,020
XEKC 9010E	HDP - 2.53 yd3 (1.93 m3) Capacity - 54" (1372mm) Width Outside Lip - 6 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,020 lb/yd3	\$	14,930
XEKC 9015A	XDP - 1.12 yd3 (.86 m3) Capacity - 30" (762mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	15,045
XEKC 9015B	XDP - 1.42 yd3 (1.09 m3) Capacity - 36" (914mm) Width Outside Lip - 4 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	15,850
XEKC 9015C	XDP - 1.86 yd3 (1.42 m3) Capacity - 42" (1067mm) Width Outside Lip - 5 Teeth Note: 10' 5" Arm/Bucket Combination - Approved for material up to 3,370 lb/yd3	\$	16,550
XK6 9005B	DITCH - 2.20 yd3 (1.68m3) Capacity - 60" (1524mm) Width Outside Lip Note: 10' 5" Arm/Bucket Combination - Approved for material up to 2,700 lb/yd3	\$	9,115
COUPLERS			
XEKD 9050A	ESCO Posi-Grab Hydraulic Quick Coupler (Fully Automatic) with control and installation kit	\$	13,620
Thumbs Esco Thumb Prices F.O.B Bedford, PA			
XEKC 9070A	Esco Universal Mechanical Thumb, 3-Tine (For use with buckets equipped with 4 teeth) See Note 3 See Note 4	\$	7,175
XEKC 9070B	Esco Hydraulic Direct-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	15,460
XEKC 9070C	Esco Hydraulic Direct-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	16,800
XEKC 9070D	Esco Hydraulic Progressive-Link Thumb (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	18,725
XEKC 9070E	Esco Hydraulic Progressive-Link Thumb, <b>Coupler Version</b> (All Hydraulic Thumb Kits include hoses to cylinder) See Note 3 See Note 4	\$	20,185
370X2 RBW STANDARD CONFIGURATION			
370X2RBW	370X2 RBW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for all RB applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY		\$413,505.00
A	ROADBUILDER BOOM 21' 2" (6.45m), ARM 10' 8" (3.25m), HIGH-LIFT BOOM RELOCATION BRACKET, BOOM CYLINDERS, ARM CYLINDER, BUCKET CYLINDER, HEAVY DUTY BUCKET LINKAGE, (2) HID LIGHTS		\$56,735.00
C	27.5" (700mm) 2-BAR GROUSER (228mm PITCH) SHOE QTY 100		\$48,000.00
XFJC 2700B	SIDE-ENTRY FORESTRY CAB with 15" (381mm) FIXED CAB RISER		\$62,730.00

**TOTAL LIST PRICE \$580,970.00**  
**ORDER SPEC 370X2RBW-AC**  
**XFJC 2700B**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics

# 370 X2 FORESTRY

Forestry Equipment for TL and BNT Applications

## BASE MACHINE DESCRIPTION (ITEM 370X2 FORESTRY)

**OPERATOR CONTROL STATION** – If equipped with Oregon OSHA certified side-entry forestry cab: (5) HID exterior work lights, Key Fob with remote machine light-up and electric door lock, Satellite-ready sound system with (AM/FM, MP3 interface, dual speakers and mute button), KAB® reclining air-suspension seat with belt, Control panel with illuminated soft-touch switches, LCD monitor, Low-effort controls pre-wired for auxiliary hydraulics, Sliding 4-position tilting control consoles, Climate control, Sky roof, (2) Intermittent windshield wipers with washer, Single pedal travel, Travel alarm, Footrests, Job ticket slot, CB radio antenna mounting provision, Cup holder, 12-volt outlet, Digital clock, 24-volt cigarette lighter, Ashtray, Adjustable dome lights, Coat hooks, Adjustable horn, Mirror, Handrails with deflector, Floor mat, Emergency exit. If equipped with Oregon OSHA certified rear-entry forestry cab: includes all of above except the following: Electric door lock, Job ticket slot and HVAC is not considered Climate Control.

**CONTROL SYSTEM** – Selectable work modes, Anti-theft password protection system, On-board self-diagnostic system with memory, Free-Swing control, Auto-idling system, One-touch decelerator, Auto power boost on RoadBuilder version, Gate lock safety shutoff.

**ENGINE** – Isuzu AH-6HK1XYSS Tier 3 turbocharged diesel engine with electronic fuel control, 271 Net HP (202 kW), 7.8 Liter displacement, 6-cylinder, Water-cooled, EGR with cooler, Air-to-air intercooler, Fuel cooler, Glow plug cold weather starting aid, Auto idle-start, Auto warm-up, EPF engine protection, 24-volt system, 50 amp alternator, Parkerized fuel tank, Remote dual stage fuel filtration, Remote oil filter, Green Plug oil drain, Double element air filter.

**HYDRAULICS** – Open-center system, (2) variable displacement axial piston pumps, (1) gear pump for pilot controls, (1) gear pump/valve for rotate, Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool, Programmable auxiliary pump settings with single or double pump control, Double-acting auxiliary hydraulics plumbed to boom foot, Grapple circuit control valve for Live-Heel and BNT attachments (Squeeze circuit), Processor return line connection, Oil cooler, Boom and arm holding valves, O-ring face seals, High-performance 6-micron return filter, Firewall.

**UPPERSTRUCTURE** – 18,518 lb. (8,400 kg) forestry counterweight, HD Reinforced frame, HD pump and radiator doors - adjustable, HD tank skin, HD belly pans, HD turntable bearing and swing motor, HD catwalks - welded, RH corner guard with (1) HID work light, Common key locks, Tool box, Non-skid surface pads, Handrail, Mirror.

**UNDERCARRIAGE** – X Pattern carbody, Full-length track guards, Sealed and strutted track chain 228mm pitch, Sealed rollers and idlers, Idler mount reinforcement, Two-speed independent hydrostatic travel with compact planetary final drive, HD travel motor covers, Disc type brakes, Adjustable track tension, HD swivel guard hinged.

Undercarriage Choices:

High-Wide for all forestry applications: 11' 11" (3.64m) width

ITEM		PRICE
BASE MACHINE		
BASE MACHINE DOES NOT INCLUDE ATTACHMENT, TRACK, CAB OR RISER		
		LIST
370X2TLW	370X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$ 413,505
Factory-Installed Attachment		
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 24' 8" (7.52m), ARM 14' 8" (4.47m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$ 128,145
N	LESS COMPLETE ATTACHMENT (See Additional Attachments Section for U.S. Sourced Forestry Attachments)	
Track		
C	27.5" (700mm) 2-BAR GROUSER (228mm PITCH) SHOE QTY 100	\$ 48,000
B	29.5" (750mm) 3-BAR GROUSER (228mm PITCH) SHOE QTY 100	\$ 33,570
N	NO OPTION TAKEN	
Cab / Riser Related		
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$ 72,565
XFKC 2700D	REAR-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$ 106,565

Additional Accessories		
XFJC 9040A	Pierce TC 52 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 31,370
XFJC 9040B	Pierce TC 58 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 32,675
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)	\$ 34,475
370X2 TLW STANDARD CONFIGURATION		
370X2TLW	370X2 TLW HYDRAULIC CRAWLER FORESTRY BASE MACHINE - High-Wide for TL and BNT applications: 11' 11" (3.64m) width (includes ocean freight and marine insurance) F.O.B. PORT OF ENTRY	\$413,505.00
A	SCM LIVE-HEEL LOGGING ATTACHMENT, BOOM 24' 8" (7.52m), ARM 14' 8" (4.47m), BOOM CYLINDERS, ARM CYLINDER, LIVE-HEEL CYLINDER, GUARD FOR ARM CYLINDER, ANTI-DRIFT TRANSPORTATION VALVE, (Includes Grapple Circuit Control Valve "squeeze circuit" on Base Machine)	\$128,145.00
C	27.5" (700mm) 2-BAR GROUSER (228mm PITCH) SHOE QTY 100	\$48,000.00
XFJC 2700C	SIDE-ENTRY FORESTRY CAB with 48" (1.22m) HYDRAULIC TILT CAB RISER	\$72,565.00
XFJC 9040C	Pierce TC 60 Grapple for Live-Heel (Includes "dog-bone" link)	\$34,475.00

**TOTAL LIST PRICE**      **\$696,690.00**  
**ORDER SPEC**      **370X2TLW-AC**  
**XFJC 2700C**  
**XFJC 9040C**

NOTE 1: This item will affect availability. Please consult sales office.

NOTE 2: This item will affect availability. For field installation kit, order through Parts Department.

NOTE 3: Stability of the machine will be adversely affected when combining long arms, couplers, thumbs and HD buckets. USE CAUTION WHEN QUOTING - It is highly recommended that shorter arms be used with couplers and thumb applications. Bucket sizing is also a factor to be considered.

NOTE 4: Thumbs are manufactured to match a specific bucket. Before placing a final order to LBX for a thumb attachment, the following must be specified:

- Brand of bucket
- Bucket type (e.g. Standard, Heavy, etc.)
- Bucket width
- Number of teeth
- Arm length
- Type of auxiliary hydraulics