

SAE Net Horsepower: 112 HP (83 kW)
Operating Weight: 38,400 lbs. (17 400 kg)
Digging Depth: 19 ft 11 in (6.06 m)

160x4



Link-Belt
EXCAVATORS

SNOW
CATALOGS
160x4
EXCAVATORS



PERFORMANCE, PRODUCTIVITY AND RELIABILITY COME STANDARD

Link-Belt 160 X4 Series excavators are built to exceed your expectations. We redesigned the control spools and incorporated spool stroke control (SSC) functions into the hydraulic system to reduce pressure loss and distribute hydraulic oil more smoothly, reducing cycle times by up to 5%. Expect more power and fuel efficiency, thanks to an innovative Final Tier 4 engine that delivers up to 7% improved fuel consumption, **without a Diesel Particulate Filter (DPF) to maintain or replace!** Settle in to the roomiest, most accommodating cab in its class, with more legroom and a new high-back, heated seat for shift-long comfort. Daily maintenance is a snap, with ground-level access to all service points, easily opened by hand.



INNOVATION AND ATTENTION TO DETAILS AT EVERY LEVEL



- Three power modes (Speed Priority, Heavy and Applied Power) let you **choose the best blend of power, precision and fuel savings** for the work you're doing



- EPA Final Tier 4 engine is **fuel efficient without sacrificing power**



- **No DPF** to ever worry about!
- 2-3% DEF (Diesel Exhaust Fluid) consumption rate relative to fuel consumption, combined with one of the largest DEF tank capacities lets you work long hours between refills



- Ground level access to routine service points lets you **cut daily maintenance down to just minutes**



- Quiet, pressurized cab offers **excellent visibility and comfortable, best-in-class seating**
- Enough floor space to **accommodate the largest of work boots**, with cup holders and roomy storage compartments for cell phones, snacks and other personal items



- Dual cab working lights are standard, or choose optional LEDs for **added visibility**

- Ergonomic joysticks **fit your hand perfectly**



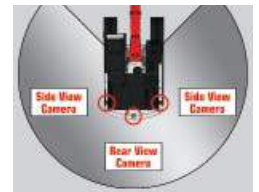
- 7" high-definition LED monitor **keeps you connected to your machine and work environment**



- RemoteCARE® telematics **keeps a watchful eye** on performance, maintenance intervals and theft deterrence



- Full-time, rear-view camera display is standard; add the WAVES™ option for a **seamless 270° view around the machine**



- Structural improvements to the boom and arm **reduce stress and provide greater durability**



- Robust undercarriage features **larger track rollers and thicker plating for longer life**
- Unique side-frame design **reduces dirt accumulation** and is **easier to clean**



**All improvements and percentage increases are in reference to Link-Belt X3 Series excavators, unless otherwise stated*





QUICK AND RESPONSIVE TO TAKE ON TOUGH CHALLENGES

Greater digging power and increased lift capacities are the result of our innovative Spool Stroke Control (SSC) system, which reduces pressure loss and distributes hydraulic oil more smoothly. Pilot pressure sensors detect the type of work being done—such as digging or leveling—and then relays that data to proportional solenoid valves that quickly determine where optimal hydraulic pressures should be directed for that operation.

Two electronically-controlled Kawasaki variable-displacement axial-piston pumps and one Kawasaki gear pump assure that hydraulic power is delivered precisely when and where it's needed. At the same time, hydraulic flows in noncritical areas of the system are reduced.

The result is better breakout force, more lifting strength and faster machine response. You'll dig, swing and dump quicker than ever before... with up to 5% faster cycle times and improved fuel efficiency!

- Proprietary hydraulic system
- Electronically-controlled pumps for improved cycle times, quicker response and more efficient machine operation
- Move more dirt per gallon of fuel





The X4 Series features innovative EPA-certified Final Tier 4 engines from Isuzu that strike the ultimate balance between power, productivity and fuel efficiency. You'll experience up to 7% improved fuel efficiency, without having to worry about costly diesel particulate filters (DPF) to maintain or replace. Three engine modes provide reliable power and control for any machine application. Choose Speed Priority (SP mode) to get jobs done quickly, Heavy (H mode) for the best blend of power and fuel savings or Applied Power (A mode), with 13 different RPM settings for precise control of heavy lifting, fine grading or leveling work.

- EPA-certified Tier 4 Final
- No DPF to maintain
- Up to 7% improved fuel economy
- 500-hr. fuel filters service intervals
- 10 diesel tank refills per 1 diesel exhaust fluid (DEF) refill
- 2-3% DEF consumption rate relative to fuel consumption
- Two-stage DEF anti-freeze system for protection in harsh operating conditions
- 30 hrs. between SCR regenerations, only takes 5-8 minutes to complete!
- VGT (Variable Geometry Turbocharger)



POWER AND EFFICIENCY WITHOUT COMPROMISE





The X4 Series offers one of the most advanced and roomiest cabs in its class. Comfortable, automotive-grade high-back seat with head rest provides superior lumbar back support. With a longer and wider seating surface, it reclines to a 155° maximum reclining angle to create a relaxed environment during breaks. Mechanical suspension is standard, with air suspension, seat tilting adjustment and seat heaters available as options.

The cab layout also includes ergonomically-designed arm rests that move with console, maintaining a constant distance between joysticks and arm rests no matter how the seat is adjusted.

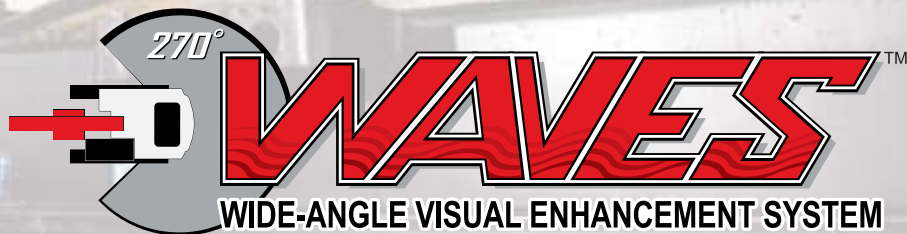
- Quiet, pressurized cab
- Joysticks with easy-to-hold grip and switches
- Convenient 'radio mute' and one touch wiper switch
- Optional proportional joysticks w/ auxiliary hydraulics control
- Cup holder and storage areas for cell phones and other small items
- Dual halogen cab lights standard
- Full time rear camera display
- Optional RH & LH side cameras
- ROPS and FOPS Level 1 certified, optional FOPS Level 2 head guard available
- Optional LED lights use less energy and are 3X brighter!
- Optional retractable rear window shade
- Optional front sun visor
- Improved radio with USB port and Bluetooth for hands-free communication.



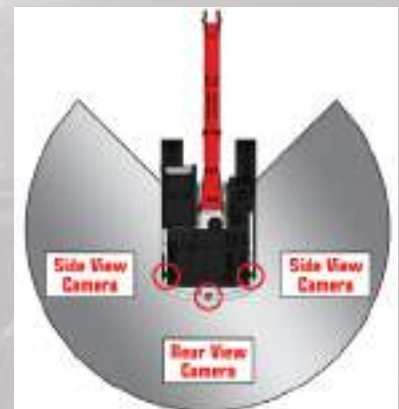


High-Definition LED monitor has a full-color 7" display that rivals the resolution found in luxury automobiles. Controls are easy to read and easy to use. The rear-view camera activates automatically whenever the machine is started, and sight guidelines have been added for increased safety.

- Anti-glare coating on screen
- Track up to 14 service maintenance reminders
- System/machine warning messages
- Monitor SCR auto regeneration
- Select and set up attachments: 5 presets for breakers; 5 presets for crushers
- In-cab flow and pressure controls for auxiliary hydraulics
- Anti-theft system
- Auto-adjusts for time and calendar
- 24 languages available
- Ability to view fuel consumption



For the ultimate in visibility, X4 machines can be fitted with the Wide Angle Visual Enhancement System - or WAVES for short. Using three closed-circuit cameras, this optional viewing system provides an unbelievable 270° visual coverage around the machine, eliminating any potential blind spots from the operator's line of sight. WAVES images can be displayed on the standard X4 monitor.





Maintenance is a snap, with ground level access to all routine service points, including batteries, fuel filters, engine oil filter, dual-element air filter and cab fresh air filter.

- Radiator screens are easy to remove and clean from ground level...no tools needed!
- A/C Condenser tilts for easy cleaning and maintenance
- Easy battery compartment access; 2 hand-turn knobs
- Improved battery disconnect switch with no keys needed
- Convenient ground-level sample ports in pump compartment
- Green drain plug and hose
- More data collection points
- Automatic door locking mechanism on side door
- Quick and easy access to grease all attachment pivot points
- Grease cylinder track adjusters make adjusting track tension a breeze
- New undercarriage side frame design enables easier cleaning
- In-cab reminders track 14 different maintenance procedures



GET WORKING FAST WITH EASY ACCESS TO SERVICE POINTS



RemoteCARE® lets you remotely monitor and track machine location, operational performance, working status and periodic maintenance requirements. It tracks and records both routine and major service intervals for your machines, giving you more flexibility and control when scheduling maintenance procedures. It also lets you be more proactive if potential failure conditions arise; whenever a diagnostic trouble code (DTC) is detected, a warning message appears on the machine display, and an e mail alert is automatically sent to you. RemoteCARE also assists in theft prevention by offering 24/7 surveillance and geofencing capabilities.

- 24/7 Remote Monitoring and Security
- Machine Location
- Geo-fence & Curfew Range
- Actual Fuel Consumption
- Fuel Levels
- Hour Meter Reading
- Radiator Water Temperature
- Machine Working Time/Idle Time
- Attachment Working Hours
- Working Modes
- Service Maintenance Reminders
- Service Warnings
- 6-yr. complimentary subscription

BUILT STRONG TO HANDLE ANYTHING

X4 machines are more rugged and durable, with robust structural improvements to the boom & arm structures, along with improvements to lower frame and travel components.



Boom & Arm

- Improved boss shapes reduce stress on boom and arm pin
- Cast boom tip for increased reliability



Lowes

- Thicker travel motor case - 32% increase
- 9% more stroke recoil spring
- 50% wider idler hub
- Unique side-frame design reduces dirt accumulation and is easier to clean.



CUSTOMER SUPPORT IS JUST A CALL AWAY

A network of Link-Belt Excavator dealers across the U.S. and Canada is waiting to serve you. Expect fast and dependable service, backed by 24/7 access to parts.

Rock-Solid Warranty Coverage

All X4 machines are backed by a 1-year/1,800 hour Full Machine Warranty, 2-year/3,000 hour Engine Warranty (2,000 hrs. electrical parts), 3-year/5,000 hour Powertrain Warranty, 3-year/10,000 hour XtraStructure Warranty, 5-year/3,000 hour EPA Emissions Warranty and participation in the X4 Fluids Analysis Program for the life of the warranty. Extended warranty coverage packages are also available.



SPECIFICATIONS



Engine

Isuzu AR-4JJ1X Final Tier 4 turbocharged diesel engine with electronic control (ECM) and high pressure common-rail fuel injection, 4-cylinder, water-cooled, Cooled Exhaust Gas Recirculation (CEGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) system with Dosing Control Module and heated DEF lines and tank. Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, dual-stage fuel filtration, remote oil filter, engine oil sample port, green plug oil drain, double element air filter.

SAE J 1349 net horsepower.....	112 hp (83.2 kW) @ 2,200 rpm
Displacement	183 cu in (2.9 L)
Maximum Torque.....	257 lbf-ft (349 Nm) @ 1,800 rpm
Starter	24V-5.0kW
Alternator.....	50 amp
Battery	(2) 12-volt 72 amp hours



Cab and Controls

ROPS and FOPS Level 1 certified with automatic climate control A/C and heat with defroster, 7" LED Hi-Definition color monitor with full time rear view camera display, fuel efficiency gauge, low-effort joysticks are pre-wired for auxiliary hydraulics, dual cab lights, control pattern changer, safety glass windows, sunroof with sunshade, shockless cab suspension with four fluid cab mounts, SCM High-Back reclining suspension seat, sliding 4-position tilting control consoles, Bluetooth technology, AM/FM sound system with USB and MP3 auxiliary input jack, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, floor mat, footrests, ashtray, 24V cigarette lighter, 12V outlet, travel alarm, handrails, mirrors, side-entry cab filter, spare parts kit.

Three selectable work modes, RemoteCARE Telematics GPS system, anti-theft password protection system, onboard 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.

Sound Level - Cab Interior	68.3 dB(A)
Sound Level - Exterior	99.4 dB(A)



Hydraulic System

Open-center system, two variable-displacement electronically controlled 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, Auxiliary Control System, oil cooler, Auto-Power boost, boom and arm holding valves, 6 micron return filter, firewall, hydraulic oil sample port.

Hydraulic Pumps

Pump Output	2 x 37.5 gpm (142 L/min)
Pilot Pump Maximum Flow	5.8 gpm (22 L/min)

Relief Valve Settings

Boom/Arm/Bucket	4,970 psi (34.3 MPa)
in Power Boost	5,260 psi (36.3 MPa)
Swing Circuit	4,050 psi (27.9 MPa)
Travel Circuit	4,970 psi (34.3 MPa)

Hydraulic Cylinders

	number of cylinders - bore x rod x stroke
Boom	2 - 4.5" x 3.1" x 46.4" (115 mm x 80 mm x 1,179 mm)
Arm	1 - 4.9" x 3.5" x 50.4" (125 mm x 90 mm x 1,280 mm)
Bucket	4.1" x 2.9" x 38.8" (105 mm x 75 mm x 985 mm)



Swing

Planetary reduction powered by axial-piston motor, Internal ring gear with grease cavity for swing pinion, Swing bearing is single-row, shear type ball bearing, Mechanical disc swing brake, Auto-power swing.

Swing Speed	11.5 rpm
Tail Swing	8' 1" (2.47 m)
Swing Torque	33,300 lbf-ft (45.1 kNm)



Undercarriage

X Pattern carbody with 13' 1" (3.99 m) LC long undercarriage by 6' 6" (1.99 m) 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, Carbody belly pan.

Carrier Rollers	2 per Side
Track Rollers	7 per Side
Track Link Pitch	7.48" (190 mm)
Shoes	44 per Side
Shoe Width	23.6" (600 mm)
Ground Pressure	5.95 psi (0.041 MPa)



Travel System

Two-speed independent hydrostatic travel with compact axial-piston motors, Hydraulic motor powered output shaft coupled to a planetary reduction drive and track sprocket, All hydraulic components mounted within the width of side frame, Automatic downshift for high torque to overcome obstacles, Spring-applied hydraulic release parking brake built into each motor, Travel motors equipped with counterbalance valve to prevent over-speeding down an incline.

Travel Speeds	1.7 - 3.4 mph (2.8 - 5.4 km/h)
Drawbar Pull	36,100 lbf (160 kN)
Gradeability	70% (35°)



Attachment

Boom	16' 11" (5.15 m)
Available Arms	Digging Force
• 8' 7" (2.62 m)	17,800 lbf (79 kN)
with Auto Power Boost	18,800 lbf (84 kN)
• 10' 0" (3.05 m)	16,200 lbf (72 kN)
with Auto Power Boost	17,300 lbf (77 kN)
• Bucket Digging Force	25,200 lbf (112 kN)
with Auto Power Boost	26,500 lbf (118 kN)



Lubricant & Coolant Capacity

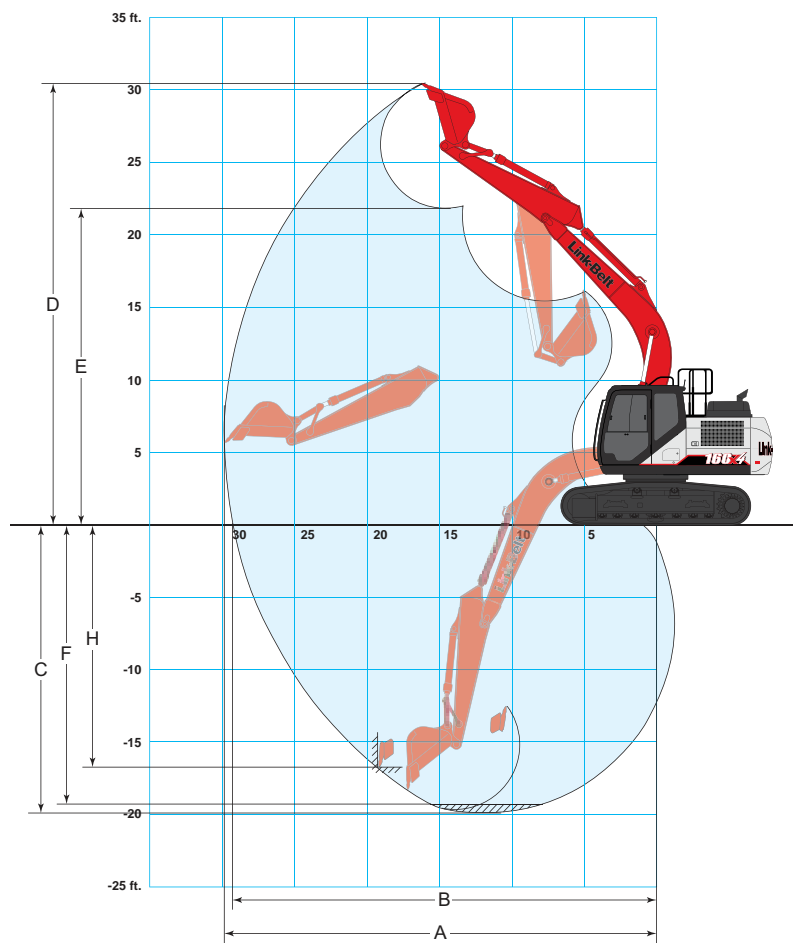
Fuel Tank	79 Gallons (300.0 Liters)
Hydraulic System	44 Gallons (167.0 Liters)
Hydraulic Tank	22 Gallons (82.0 Liters)
Final Drive (per side)	1.5 Gallons (5.8 Liters)
Swing Drive	1.3 Gallons (4.8 Liters)
Engine Oil	4.5 Gallons (17.0 Liters)
DEF Tank	22 Gallons (85.0 Liters)
Coolant System	4.7 Gallons (17.8 Liters)



Operating Weight

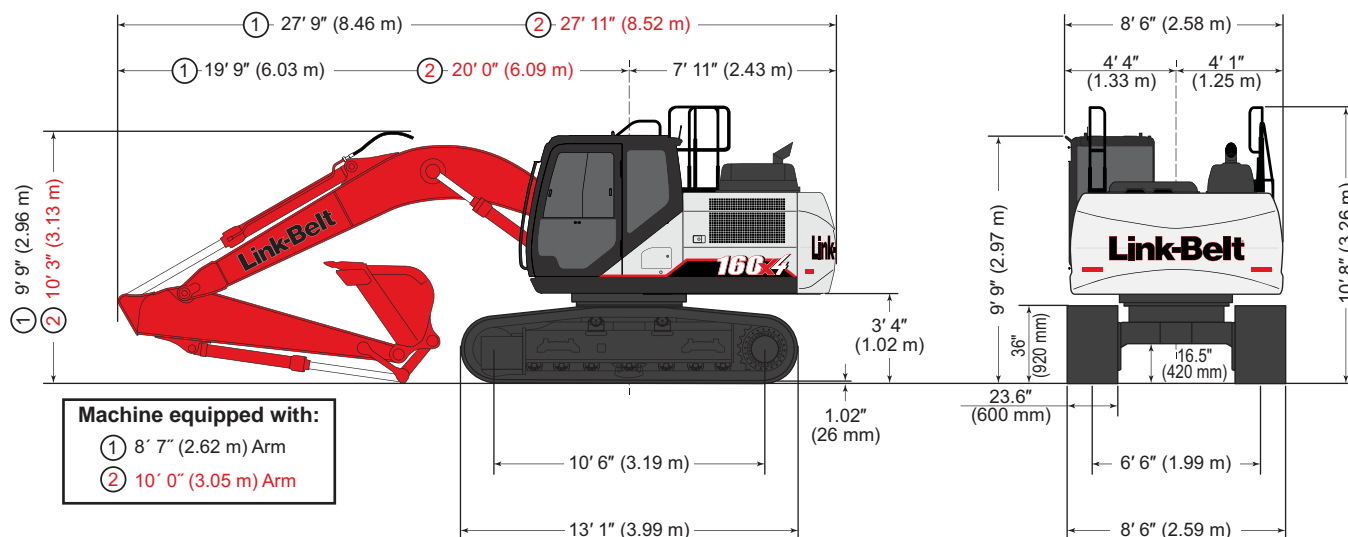
Working weight with 23.6" (600 mm) shoes, 16' 11" (5.15 m) boom, 8' 7" (2.62 m) arm, 1,067 lb. (484 kg) bucket, 6,980 lb. (3 170 kg) counterweight	38,400 lbs. (17 400 kg)
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WORKING RANGE & TRAVEL DIMENSIONS







Machine Equipped with 16' 11" (5.15 m) Boom	Arm 8' 7" (2.62 m)	Arm 10' 0" (3.05 m)
A. Maximum reach	29' 8" (9.04 m)	30' 9" (9.38 m)
B. Maximum reach @ ground level	29' 1" (8.87 m)	30' 3" (9.22 m)
C. Maximum dig depth	19' 11" (6.06 m)	21' 4" (6.49 m)
D. Maximum dig height	30' 4" (9.24 m)	30' 6" (9.29 m)
E. Maximum dump height	21' 8" (6.61 m)	21' 11" (6.69 m)
F. Digging depth 8' (2.44 m) level bottom	19' 2" (5.85 m)	20' 8" (6.29 m)
G. Bucket rotation	178°	178°
H. Maximum vertical wall depth	16' 8" (5.08 m)	17' 2" (5.22 m)

Travel Dimensions



LIFT CAPACITIES

Radius of Load													
8' 7" (2.62 m) Arm with 16' 11" (5.15 m) Boom and 1,050 lb. (480 kg) Bucket with Power-Boost Applied													
 End	 Side	5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		25' 0" (7.5 m)		Cap at Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs							5,150*	5,150*			3,600*	3,600
(7.5 m)	kg							2 610*	2 610*			1 620*	1 620
+20' 0"	lbs							7,100*	7,100*			3,250*	3,250
(6.0 m)	kg							3 250*	3 250*			1 480*	1 480
+15' 0"	lbs							9,150*	6,950	6,700*	4,700	3,150*	3,150
(4.5 m)	kg							4 270*	3 240	3 210*	2 180	1 440*	1 440
+10' 0"	lbs			18,500*	18,500*	13,350*	10,450	10,400	6,600	7,200	4,500	3,250*	3,250
(3.0 m)	kg			8 560*	8 560*	6 190*	4 840	4 830	3 060	3 350	2 100	1 470*	1 470
+5' 0"	lbs			21,300*	17,700	15,950	9,600	10,000	6,200	7,000	4,300	3,450*	3,400
(1.5 m)	kg			8 900*	8 200	7 410	4 460	4 640	2 880	3 250	2 000	1 560*	1 540
Ground Line	lbs			17,200*	16,450	15,250	9,000	9,650	5,900	6,800	4,150	3,850*	3,500
	kg			7 530*	7 530*	7 100	4 190	4 480	2 730	3 170	1 930	1 730*	1 590
-5' 0"	lbs	13,400*	13,400*	21,900*	16,750	15,000	8,800	9,500	5,750	6,800	4,150	4,550*	3,900
(1.5 m)	kg	6 060*	6 060*	9 960*	7 700	6 980	4 100	4 410	2 670	3 150	1 920	2 050*	1 780
-10' 0"	lbs	19,500*	19,500*	27,950*	17,050	15,100	8,950	9,600	5,900			6,000*	4,850
(3.0 m)	kg	8 610*	8 610*	12 920*	7 930	7 030	4 160	4 460	2 720			2 700*	2 180
-15' 0"	lbs	28,350*	28,350*	22,550*	17,650	15,100*	9,450					10,550*	7,100
(4.5 m)	kg	12 550*	12 550*	10 540*	8 210	7 100	4 370					4 430*	3 160

Radius of Load													
10' 0" (3.05 m) Arm with 16' 11" (5.15 m) Boom and 950 lb. (440 kg) Bucket with Power-Boost Applied													
 End	 Side	5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		25' 0" (7.5 m)		Cap at Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs							4,800*	4,800*			3,350*	3,350*
(7.5 m)	kg							2 220*	2 220*			1 510*	1 510*
+20' 0"	lbs							6,500*	6,500*	4,800*	4,800*	3,100*	3,100*
(6.0 m)	kg							3 060*	3 060*	2 380*	2 280	1 400*	1 400*
+15' 0"	lbs							8,400*	7,100	6,500*	4,800	3,050*	3,050*
(4.5 m)	kg							3 900*	3 310	3 050*	2 230	1 380*	1 380*
+10' 0"	lbs			16,350*	16,350*	12,200*	10,650	10,100*	6,700	7,300	4,600	3,150*	3,150*
(3.0 m)	kg			7 530*	7 530*	5 650*	4 950	4 650*	3 120	3 390	2 130	1 420*	1 420*
+5' 0"	lbs			24,100*	18,200	15,950	9,800	10,100	6,250	7,050	4,350	3,350*	3,200
(1.5 m)	kg			11 060*	8 450	7 390*	4 540	4 690	2 910	3 270	2 030	1 520*	1 450
Ground Line	lbs	7,250*	7,250*	19,350*	16,700	15,300	9,100	9,700	5,900	6,850	4,150	3,750*	3,300
	kg	3 250*	3 250*	8 450*	7 750	7 140	4 220	4 500	2 750	3 170	1 940	1 690*	1 490
-5' 0"	lbs	12,700*	12,700*	21,950*	16,550	14,950	8,750	9,450	5,700	6,750	4,100	4,450*	3,600
(1.5 m)	kg	5 710*	5 710*	9 980*	7 700	6 960	4 070	4 400	2 650	3 130	1 900	2 000*	1 640
-10' 0"	lbs	17,950*	17,950*	28,800*	16,750	15,000	8,850	9,500	5,750			5,800*	4,350
(3.0 m)	kg	7 940*	7 940*	12 850*	7 810	6 980	4 100*	4 420	2 680			2 600*	1 960
-15' 0"	lbs	28,300*	28,300*	24,600*	17,300	15,250	9,200					9,300*	6,100
(4.5 m)	kg	12 600*	12 600*	11 450*	8 050	7 110*	4 260					4 080*	2 710

Notes: Excavator lifting capacities

- Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities.
- Lifting capacities are based on machine standing on firm, uniform supporting surface. User must make allowances for job conditions such as soft or uneven ground.
- Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. **Capacities marked with an asterisk (*) are limited by hydraulic capacities.**
- Least stable position is over the side.
- Operator should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX before operating the machine.
- Capacities apply only to the machine as originally manufactured and normally equipped by LBX Company, LLC.
- Lift capacity ratings are based on ISO 10567, "Earthmoving Machinery - Hydraulic Excavators - Lift Capacity."

STANDARD & OPTIONAL EQUIPMENT

CAB		HYDRAULICS		UPPERSTRUCTURE	
12V Power Outlet.....	S	Arm Regeneration.....	S	Belly Pans.....	S
270° WAVES™ Camera System.....	O	Arm Speed Assistance (2 Pump Flow)...	S	Center Cover (Over Main CV).....	S
AM/FM Sound System.....	S	Attachment Cushion Valve.....	S	Fuel Tank Belly Pan.....	S
Anti-Theft Device.....	S	Auto Swing Priority.....	S	Hand Rail (RH access).....	S
Auxiliary Switches on Control Lever.....	S	Auxiliary Flow Control.....	S	ISO Guard Rails.....	S
Bluetooth.....	S	Auxiliary Tool Settings (Memory).....	S	Lifting Eyes for Counterweight.....	S
Cab Filter - External.....	S	Auxiliary Valve.....	S	Lockable Fuel Cap and Service Doors.....	S
Cab Handrails.....	S	Boom Regeneration.....	S	Lockable Tool Box.....	S
Cab Interior Light.....	S	Boom Speed Assistance (2 Pump Flow)...	S	Rubber Bumper Guards.....	O
Cab ISO-Mounts.....	S	Bucket Curl Assist.....	S	Turntable Tub.....	S
Cab Light (2 LED).....	O	Control Levers Pre-Wired for Auxiliary Hyd...	S	Work Lights (Boom and Tool Box).....	S
Cab Light (2).....	S	Control Pattern Changer (2 way).....	S	ATTACHMENT	
Cab Sun Screen (rear).....	O	Electronically Controlled Hydraulic Pumps...	S	8' 7" (2.62 m) Arm.....	S
Clear Roof Window.....	S	Fire Wall.....	S	10' 0" (3.05 m) Arm.....	O
Climate Control A/C and Heater.....	S	Free Swing.....	S	16' 11" (5.15 m) Main Boom Section.....	S
Cup Holder.....	S	Holding Valve (Arm & Boom).....	S	Auxiliary Pipe Brackets.....	S
Defroster.....	S	Hose Burst Check Valve.....	O	Boom Work Light.....	S
Digital Clock.....	S	Hydraulic Filter Restriction Indicator.....	S	Bucket Anti-Clatter Device.....	S
Emergency Exit and Hammer.....	S	Hydraulic Oil Sample Port.....	S	Chrome Pins.....	S
Face Vent.....	S	Long Life Hydraulic Oil (5,000 Hour)....	S	Easy Maintenance System (EMS).....	S
Floor Mat.....	S	Neutral Pump De-Stroke.....	S	HD Bucket Linkage.....	O
FOPS Head Guard (Level 2).....	O	Oil Cooler.....	S	Quick Couplers.....	O
FOPS Level 1 Certified.....	S	Power Boost.....	S	Remote Lube Bank.....	S
Front Guard (Mesh).....	O	Power Save.....	S	Teardrop Pin Retention Keepers.....	S
Front Guard (DPG 1,2).....	O	Pressure Reading on Monitor.....	S	Thumbs.....	O
Front Window One-Touch Lock.....	S	Proportional Hydraulic Controls.....	O	PARTS KIT	
Gate Lock Hydraulic Activation.....	S	Pump Stand-By Pressure.....	S	Bucket Anti-Clatter Device.....	S
Horn.....	S	Straight Travel Circuit.....	S	Engine Manual.....	S
Hour Meter (Digital).....	S	AUXILIARY HYDRAULIC OPTIONS		Engine Oil Filter.....	S
LED Color Monitor.....	S	Single-Acting Aux. w/ Proportional Joysticks...	O	Filter Wrench.....	S
LED Light Kit for Side Camera (1).....	O	Multi-Function Aux. w/ in-cab pressure	O	Fuel Filters.....	S
LED Lights for Rear Camera (2).....	O	setting control.....	O	Grease Gun.....	S
Magazine Storage Rack.....	S	Thumb Aux. w/ Proportional Joysticks...	O	Green Plug Drain Hose for Engine Oil Drain...	S
Maintenance Interval Reminders.....	S	Combination Aux. w/ in-cab pressure	O	Hydraulic Return Filter.....	S
MP3 Auxiliary Input Jack.....	S	setting control.....	O	Ignition Keys.....	S
On-Board Diagnostic System.....	S	UNDERCARRIAGE		Pilot Circuit Hydraulic Filter.....	S
One-Piece Right Window.....	S	600 mm (23.5" in) 3-Bar Steel Grousers...	O	Rearview Mirrors.....	S
Radio Mute Switch.....	S	700 mm (27.5" in) 3-Bar Steel Grousers...	O	Work Light for Boom.....	S
Rain Deflector.....	O	Carbody Belly Pan (Swivel Guarding).....	S		
Rear View Camera.....	S	Center Track Guide (single).....	S		
Rear View Mirrors (2).....	S	Center Track Guide (triple).....	O		
RemoteCARE Support System (GPS).....	S	Lashing Points (Tie-Downs).....	S		
Roof Sun Shade.....	S	Long Undercarriage.....	S		
ROPS Certified Structure.....	S	Sealed Link Chain.....	S		
Safety Glass Windows.....	S	Steps.....	S		
SCM Air-Suspension Seat with Tilt & Heater...	O	Strutted Track Chain.....	S		
SCM Suspension Seat.....	S	X-Pattern Carbody.....	S		
Seat Recline.....	S				
Selectable Monitor Languages.....	S				
Small Storage.....	S				
Travel Alarm with Cancel Switch.....	S				
Trip Meter (Digital).....	S				
USB Input.....	S				
Wiper & Washer.....	S				
Wiper Switch on RH Joystick.....	S				
ENGINE					
50A Alternator.....	S				
Air Filter (Double Element).....	S				
Air Filter Restriction Indicator.....	S				
Air Pre-Cleaner (Cyclone type).....	O				
Auto Warm-Up System.....	S				
Auto-Idle.....	S				
Auto-Idle Engine Shutdown.....	S				
Battery Disconnect Switch w/ LED Light...	S				
CEGR (Cooled Exhaust Gas Recirculation)...	S				
Cooling Fan.....	S				
Diesel Oxidation Catalyst (DOC).....	S				
Drain for Fuel Tank.....	S				
Dual Remote Fuel Filters with					
Water Separators.....	S				
EGR Coolers.....	S				
Emergency Engine Stop.....	S				
Engine Idle System.....	S				
Engine Oil Sample Port.....	S				
Engine Protection Feature.....	S				
External Fuel Gauge.....	S				
External DEF Gauge.....	S				
Fan Housing.....	S				
Fuel Cooler.....	S				
Fuel Filter Restriction Indicator.....	S				
Fuel Management System.....	S				
Fuel Shut-Off Valve.....	S				
Fuel Usage History.....	S				
Fuel Usage Monitor.....	S				
Glow Plug Pre-Heat.....	S				
Idle-Start.....	S				
Intercooler.....	S				
Neutral Start.....	S				
One-Touch Idle.....	S				
Passive Emissions Regeneration.....	S				
Radiator / Oil Cooler / Intercooler					
Protective Screen.....	S				
Refuel Pump.....	O				
Remote Engine Oil Drain.....	S				
Remote Oil Filter.....	S				
Selective Catalytic Reduction (SCR).....	S				
Tropical Package.....	O				
DEF Gauge on Monitor.....	S				
VGT Turbocharger.....	S				

Bucket Sizes

Bucket Type	SAE Heaped Capacity		Width Outside Lip		Bucket Weight		Number of Teeth	Arm Length	
	(yd³)	(m³)	(in)	(mm)	(lbs)	(kg)		8' 7" 2.62 m	10' 0" 3.05 m
STDP Standard duty plate	0.58	0.44	24	610	913	415	4	H	H
	0.76	0.58	30	762	1016	462	4	H	H
	0.95	0.73	36	914	1139	518	5	M	M
	1.14	0.87	42	1067	1245	566	6	L	L
HDP Heavy duty plate	0.57	0.44	24	610	1203	547	4	H	H
	0.76	0.58	30	762	1336	607	4	H	M
	0.95	0.73	36	914	1468	667	5	M	L
	1.14	0.87	42	1067	1598	726	5	L	L
XDP Extreme duty plate	0.50	0.38	24	610	1085	493	4	H	H
	0.65	0.50	30	762	1202	546	4	H	H
	0.81	0.62	36	914	1347	612	5	H	M
	0.97	0.74	42	1067	1464	665	5	M	L
POWER HDP for use with ESCO multi-pin grabber only	1.13	0.86	48	1219	1581	718	5	L	L
	0.50	0.38	24	610	1554	706	4	H	H
	0.65	0.50	30	762	1654	752	4	H	H
	0.81	0.62	36	914	1780	809	5	M	L
DITCH	0.97	0.74	42	1067	1875	852	6	L	L
	0.95	0.73	60	1524	1050	477	-	M	M
	1.06	0.81	66	1676	1124	511	-	M	L

Approval Code For Arm/Bucket Combinations	
H.....	Heavy material (up to 3,370 lbs./yd³)
M.....	Medium material (up to 2,700 lbs./yd³)
L.....	Light material (up to 2,020 lbs./yd³)
N/A.....	Not applicable

STDP.....	Standard duty plate
HDP.....	Heavy duty plate
XDP.....	Extreme duty plate
POWER.....	HDP for use with ESCO multi-pin grabber only

Litho in USA 05/16 #LBX2308 supersedes #LBX2278

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