SAE Net Horsepower: 512 HP (382 kW)
Operating Weight: 158,300 lbs. (71,800 kg)
Digging Depth: 27 ft 7 in (8.40 m)
Link-Belt 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, increasing cycle times by 8%. Expect more power and fuel efficiency, thanks to an innovative Final Tier 4 engine that delivers 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, 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 LCD 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
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 8% faster cycle times and improved fuel efficiency!

- Proprietary hydraulic system
- New control valve with larger ports; less restriction means improved hydraulic flow for increased performance
- Electronically-controlled pumps for improved cycle times, quicker response and more efficient machine operation
- Move more dirt per gallon of fuel
Quick and Responsive to Take On Tough Challenges
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 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
- Improved fuel economy
- 500-hr. fuel filters service intervals
- 6 diesel tank refills per 1 diesel exhaust fluid (DEF) refill
- 2 - 3% DEF consumption rate
- Two-stage DEF anti-freeze system for protection in harsh operating conditions
- 30 hrs. between SCR regenerations, only takes 5-10 minutes to complete!
- VGT (Variable Geometry Turbocharger)
Power and Efficiency
Without Compromise
The X4 Series offers the most advanced and roomiest cab 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. Air-suspension seat is standard with 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
- Handy ‘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 LCD 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
- Easy-to-use auto idle and auto shutdown feature
- Select and set up attachments: 5 presets for breakers; 5 presets for crushers
- In-cab flow & 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 - now at no cost to you. 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.

FREE Subscription Includes:

- 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

RemoteCARE® App

Manage your Link-Belt equipment with this user friendly telematics management tool with GPS technology. The RemoteCARE App provides timely and reliable machine utilization – as well as assisting in DTC notifications. With RemoteCARE you will be able to remotely monitor and track your machine’s location, operational performance, and working status. Contact your local Link-Belt dealer for questions.

App features include...

- Machine location
- Fuel consumption
- Utilization report
- Fuel efficiency
- Analytical snapshots
- Idle rate
- DTC notification history
- Favorite list

Download Apple or Android app at lbco.com/apps for phone and tablet.
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
- Boom side plate thicker by 16%
- 4% thicker pin diameter on boom and arm

Lowers
- Increased track gauge width for better lifting capacity
- Lower width of undercarriage in retracted position (for transportation) is the same as previous model
- 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.

Exceptional Warranty Coverage

All X4 excavators purchased after July 1, 2020 are backed by a 5-year/5,000-hour Full Machine Warranty, 5-year/10,000-hour Structural Warranty, along with participation in the X4 Fluid Analysis Program for the duration of the warranty (free with all X4 machines). Extended warranty coverage packages are also available.

Contact your dealer for complete details.
Specifications

Engine

Isuzu AQ-6WG1X Final Tier 4 turbocharged diesel engine with electronic control (ECM) and high pressure common-rail fuel injection, 6-cylinder, water-cooled, cooled Exhaust Gas Recirculation (EGR), 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.

Net horsepower ............................................ 512 hp (382 kW) @ 1,800 rpm
Net horsepower (with fan-pump) ..................... 460 hp (343 kW) @ 1,800 rpm
Displacement .................................................. 957 cu in (15.7 L)
Maximum Torque ........................................... 1,623 lbf-ft (2,200 Nm) @ 1,450 rpm
Starter ............................................................. 24V-7.0kW
Alternator ....................................................... 50 amp
Battery .......................................................... (2) 12-volt 140 amp hours

Swing

Planetary reduction powered by axial-piston motor, Internal ring gear with grease cavity for swing pinion, Mechanical disc swing brake, Free swing.

Swing Speed ...................................................... 6.7 rpm
Tail Swing ....................................................... 13° 3” (4.05 m)
Swing Torque .................................................. 178,000 lbf-ft (241 kNm)

Undercarriage

19° 3”(5.88 m) long undercarriage by 11° 00”(3.35 m) track gauge, Sealed and strutted track chain with track guide, Sealed rollers and idlers, Two-speed independent hydrostatic travel with planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan.

Carrier Rollers .................................................. 3 per Side
Track Rollers ..................................................... 8 per Side
Track Link Pitch .............................................. 10.24” (260 mm)
Shoes ............................................................. 47 per Side
Shoe Width ...................................................... 35.4” (900 mm)
Ground Pressure ............................................. 11.02 psi (0.076 MPa)

Travel System

Two-speed independent hydrostatic travel with 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, Single-pedal straight line travel.

Travel Speeds .................................................... 1.9 - 2.7 mph (3.0 - 4.3 km/h)
Drawbar Pull ................................................... 101,000 lbf (449 kN)
Gradeability .................................................... 70% (35°)

Attachment

Available Arms

Digging Force

• 11°8” (3.55 m) .................................................. 58,230 lbf (259 kN)
  with Auto Power Boost ................................ 63,620 lbf (283 kN)
• 9° 10” (3.02 m) ............................................... 64,970 lbf (289 kN)
  with Auto Power Boost ................................ 71,040 lbf (316 kN)
• 13° 6” (4.11 m) ............................................... 52,380 lbf (233 kN)
  with Auto Power Boost ................................ 57,100 lbf (254 kN)
• 16° 5” (5.0 m) .................................................. 45,410 lbf (202 kN)
  with Auto Power Boost ................................ 49,460 lbf (220 kN)
• Bucket Digging Force ...................................... 68,790 lbf (306 kN)
  with Auto Power Boost ................................ 75,090 lbf (334 kN)

Fuel Tank ......................................................... 238 Gallons (900 Liters)
Hydraulic System ............................................. 172 Gallons (650 Liters)
Hydraulic Tank ............................................... 81.9 Gallons (310 Liters)
Final Drive (per side) ....................................... 4 Gallons (15 Liters)
Swing Drive ..................................................... 7.1 Gallons (27 Liters)
Engine Oil ....................................................... 13.7 Gallons (52 Liters)
DEF Tank ........................................................ 40 Gallons (152 Liters)
Coolant System .............................................. 28.5 Gallons (108 Liters)

Operating Weight

Working weight with 35.4” (900 mm) shoes, 25° 3” (7.70 m) boom, 11° 8” (3.55 m) arm, 6,437 lb. (2,920 kg) bucket, 22,900 lb. (10,400 kg) counterweight .................................................. 158,300 lbs. (71,800 kg)

Mass Excavator

Working weight with 35.4” (900 mm) shoes, 27° 7” (6.86 m) boom, 9° 10” (3.02 m) arm, 7,470 lb. (3,390 kg) bucket, 22,900 lb. (10,400 kg) counterweight .................................................. 159,600 lbs. (72,400 kg)

Cabin and Controls

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, anti-drift valves, 6 micron return filter, firewall, hydraulic oil sample port.

Hydraulic Pumps

Pump Output ..................................................... 2 x 125 gpm (472 L/min)
Pilot Pump Maximum Flow ......................... 7.1 gpm (27 L/min)

Relief Valve Settings

Boom Up / Arm / Bucket .................. 4,550 psi (31.4 MPa)
in Power Boost .......................... 4,970 psi (34.3 MPa)
Boom Down .................................................. 3,990 psi (27.5 MPa)
Swing Circuit ........................................... 4,050 psi (27.9 MPa)
Travel Circuit ............................... 4,970 psi (34.3 MPa)

Hydraulic Cylinders

number of cylinders - bore x stroke
Boom ......................................................... 2 - 7.5” x 71.1”
  (190 mm x 1 805 mm)
Arm .......................................................... 1 - 8.3” x 81”
  (210 mm x 2 055 mm)
Bucket ..................................................... 7.3” x 57.7”
  (185 mm x 1 465 mm)

Lubricant & Coolant Capacity

Working weight with 35.4” (900 mm) shoes, 25° 3” (7.70 m) boom, 11° 8” (3.55 m) arm, 6,437 lb. (2,920 kg) bucket, 22,900 lb. (10,400 kg) counterweight .................................................. 158,300 lbs. (71,800 kg)

Mass Excavator

Working weight with 35.4” (900 mm) shoes, 27° 7” (6.86 m) boom, 9° 10” (3.02 m) arm, 7,470 lb. (3,390 kg) bucket, 22,900 lb. (10,400 kg) counterweight .................................................. 159,600 lbs. (72,400 kg)
## Working Range & Travel Dimensions

### Machine Equipped with 25’ 3” (7.70 m) Boom

<table>
<thead>
<tr>
<th></th>
<th>Arm 11’ 8” (3.55 m)</th>
<th>Arm 9’ 10” (3.02 m)</th>
<th>Arm 13’ 6” (4.11 m)</th>
<th>Arm 16’ 5” (5.00 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum reach</td>
<td>42’ 11″ (13.07 m)</td>
<td>41’ 11″ (12.78 m)</td>
<td>44’ 9″ (13.63 m)</td>
<td>41’ 5″ (14.54 m)</td>
</tr>
<tr>
<td>B. Maximum reach @</td>
<td>42’ 0” (12.81 m)</td>
<td>41’ 1” (12.52 m)</td>
<td>43’ 11” (13.39 m)</td>
<td>46’ 8” (14.22 m)</td>
</tr>
<tr>
<td>ground level</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Maximum dig depth</td>
<td>27’ 7″ (8.40 m)</td>
<td>26’ 10″ (7.87 m)</td>
<td>29’ 5” (8.97 m)</td>
<td>32’ 4” (9.85 m)</td>
</tr>
<tr>
<td>D. Maximum dig height</td>
<td>39’ 2” (11.63 m)</td>
<td>39’ 6” (11.11 m)</td>
<td>39’ 3” (11.97 m)</td>
<td>40’ 3” (12.28 m)</td>
</tr>
<tr>
<td>E. Maximum dump height)</td>
<td>26’ 7” (7.81 m)</td>
<td>26’ 6” (7.99 m)</td>
<td>26’ 7” (7.81 m)</td>
<td>27’ 7” (8.40 m)</td>
</tr>
<tr>
<td>F. Digging depth 6’</td>
<td>27’ 1″ (8.26 m)</td>
<td>25’ 4” (7.72 m)</td>
<td>29’ 0” (8.85 m)</td>
<td>32’ 0” (9.75 m)</td>
</tr>
<tr>
<td>(2.44 m) level bottom</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Bucket rotation</td>
<td>175°</td>
<td>175°</td>
<td>175°</td>
<td>175°</td>
</tr>
<tr>
<td>H. Maximum vertical wall depth</td>
<td>21’ 3” (6.48 m)</td>
<td>22’ 6” (6.85 m)</td>
<td>23’ 11” (7.28 m)</td>
<td>27’ 0” (8.23 m)</td>
</tr>
</tbody>
</table>

### Travel Dimensions

Machine equipped with:

1. 11’ 8” (3.55 m) Arm
2. 9’ 10” (3.02 m) Arm
3. 13’ 6” (4.11 m) Arm
4. 16’ 5” (5.00 m) Arm
Mass Excavator Working Range

- Maximum reach: 36' 6" (11.73 m)
- Maximum reach @ ground level: 37' 8" (11.44 m)
- Maximum dig depth: 23' 7" (7.18 m)
- Maximum dig height: 36' 3" (11.06 m)
- Maximum dump height: 22' 11" (6.99 m)
- Maximum dump height @ level bottom: 23' 1" (7.03 m)
- Maximum vertical wall depth: 16' 5" (5.00 m)

Mass Excavator Travel Dimensions

- Maximum reach: 38' 6" (11.73 m)
- Maximum reach @ ground level: 37' 8" (11.44 m)
- Maximum dig depth: 23' 7" (7.18 m)
- Maximum dig height: 36' 3" (11.06 m)
- Maximum dump height: 22' 11" (6.99 m)
- Maximum dump height @ level bottom: 23' 1" (7.03 m)
- Maximum vertical wall depth: 16' 5" (5.00 m)
### Transportation Specifications

**SPEC**

<table>
<thead>
<tr>
<th>SPEC</th>
<th>A</th>
<th>B</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD</td>
<td>11' 4&quot;</td>
<td>17' 11&quot;</td>
<td>50,816 lbs.</td>
</tr>
<tr>
<td></td>
<td>3.45</td>
<td>5.47</td>
<td>23,050 kg</td>
</tr>
<tr>
<td>OPT*</td>
<td>12' 8&quot;</td>
<td>19' 0&quot;</td>
<td>53,021 lbs.</td>
</tr>
<tr>
<td></td>
<td>3.87</td>
<td>5.79</td>
<td>24,050 kg</td>
</tr>
</tbody>
</table>

*Counterweight

### SPEC

<table>
<thead>
<tr>
<th>SPEC</th>
<th>Shoe Width</th>
<th>Track Guard</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPT</td>
<td>25.5&quot; 650 mm</td>
<td>DOUBLE</td>
<td>22,245 lbs. (10,090 kg.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FULL</td>
<td>22,972 lbs. (10,420 kg.)</td>
</tr>
<tr>
<td>STD</td>
<td>29.5&quot; 750 mm</td>
<td>DOUBLE</td>
<td>22,906 lbs. (10,390 kg.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FULL</td>
<td>23,634 lbs. (10,720 kg.)</td>
</tr>
<tr>
<td>OPT</td>
<td>35.4&quot; 900 mm</td>
<td>DOUBLE</td>
<td>23,810 lbs. (10,800 kg.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FULL</td>
<td>24,537 lbs. (11,130 kg.)</td>
</tr>
</tbody>
</table>

### SPEC

<table>
<thead>
<tr>
<th>SPEC</th>
<th>ARM</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD</td>
<td>STD</td>
<td>16' 4&quot;</td>
<td>4' 5&quot;</td>
<td>4' 9&quot;</td>
<td>8,356 lbs. (3,790 kg.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.98 m</td>
<td>1.34 m</td>
<td>1.44 m</td>
<td></td>
</tr>
<tr>
<td>OPT</td>
<td>SHORT</td>
<td>18' 1&quot;</td>
<td>4' 7&quot;</td>
<td>4' 11&quot;</td>
<td>8,359 lbs. (3,790 kg.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.52 m</td>
<td>1.40 m</td>
<td>1.50 m</td>
<td></td>
</tr>
<tr>
<td>OPT</td>
<td>LONG</td>
<td>18' 1&quot;</td>
<td>4' 0&quot;</td>
<td>4' 4&quot;</td>
<td>8,576 lbs. (3,890 kg.)</td>
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<tr>
<td></td>
<td></td>
<td>5.52 m</td>
<td>1.23 m</td>
<td>1.33 m</td>
<td></td>
</tr>
<tr>
<td>OPT</td>
<td>S-LONG</td>
<td>21' 0&quot;</td>
<td>3' 10&quot;</td>
<td>4' 2&quot;</td>
<td>9,480 lbs. (4,300 kg.)</td>
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<tr>
<td></td>
<td></td>
<td>6.40 m</td>
<td>1.18 m</td>
<td>1.28 m</td>
<td></td>
</tr>
</tbody>
</table>

### Diagrams

- **Left Side**
  - 19' 3" (5.88 m)
  - 4' 11" (1.40 m)
  - 3' 10" (1.18 m)
  - 3' 10" (1.18 m)

- **Right Side**
  - 2’ 5” (.730 m)
  - 3’ 10" (1.18 m)
  - 3’ 10" (1.18 m)
  - 2’ 2" (.400 m)

---

**Note:** The images and diagrams provide visual representations of the specifications mentioned in the text. The data includes dimensions, shoe widths, track guards, and weights for different specifications and options.
### Lift Capacities

**Radius of Load**

11' 8" (3.55 m) Arm with 25' 3" (7.70 m) Boom and 6,440 lb. (2,920 kg) Bucket with Power-Boost Applied - Standard Arm

<table>
<thead>
<tr>
<th>Lift Type</th>
<th>5' 0&quot; (1.5 m)</th>
<th>10' 0&quot; (3.0 m)</th>
<th>15' 0&quot; (4.5 m)</th>
<th>20' 0&quot; (6.0 m)</th>
<th>25' 0&quot; (7.5 m)</th>
<th>30' 0&quot; (9.0 m)</th>
<th>35' 0&quot; (10.5 m)</th>
<th>40' 0&quot; (12.0 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Side</td>
<td>End Side</td>
<td>End Side</td>
<td>End Side</td>
<td>End Side</td>
<td>End Side</td>
<td>End Side</td>
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</tr>
<tr>
<td>+15° 0&quot;</td>
<td>+20° 0&quot;</td>
<td>+25° 0&quot;</td>
<td>+30° 0&quot;</td>
<td>+35° 0&quot;</td>
<td>+40° 0&quot;</td>
<td>+45° 0&quot;</td>
<td>+50° 0&quot;</td>
<td></td>
</tr>
<tr>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td>(lbs)</td>
<td></td>
</tr>
<tr>
<td>20,500</td>
<td>25,950</td>
<td>31,400</td>
<td>36,850</td>
<td>42,300</td>
<td>47,750</td>
<td>53,200</td>
<td>58,650</td>
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<tr>
<td>20,500</td>
<td>25,950</td>
<td>31,400</td>
<td>36,850</td>
<td>42,300</td>
<td>47,750</td>
<td>53,200</td>
<td>58,650</td>
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<tr>
<td>19,250</td>
<td>24,600</td>
<td>30,050</td>
<td>35,450</td>
<td>40,850</td>
<td>46,250</td>
<td>51,650</td>
<td>57,050</td>
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<tr>
<td>19,250</td>
<td>24,600</td>
<td>30,050</td>
<td>35,450</td>
<td>40,850</td>
<td>46,250</td>
<td>51,650</td>
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<tr>
<td>17,650</td>
<td>23,000</td>
<td>28,350</td>
<td>33,700</td>
<td>39,050</td>
<td>44,400</td>
<td>49,750</td>
<td>55,100</td>
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<tr>
<td>17,650</td>
<td>23,000</td>
<td>28,350</td>
<td>33,700</td>
<td>39,050</td>
<td>44,400</td>
<td>49,750</td>
<td>55,100</td>
<td></td>
</tr>
</tbody>
</table>

Notes: Excavator lifting capacities

1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities.
2. 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.
3. 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.
4. Least stable position is over the side.
5. Operator should be fully acquainted with the Operator’s Manual & Operating Safety Booklet, furnished by LBX before operating the machine.
6. Capacities apply only to the machine as originally manufactured and normally equipped by LBX Company, LLC.
7. Lift capacity ratings are based on ISO 10687, “Earthmoving Machinery - Hydraulic Excavators - Lift Capacity.”
## Lift Capacities

### 16' 5" (5.0 m) Arm with 25' 3" (7.70 m) Boom and 6,440 lb. (2920 kg) Bucket with Power-Boost Applied - S-Long Arm

<table>
<thead>
<tr>
<th>Radius of Load</th>
<th>Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' 0&quot; (1.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>10' 0&quot; (3.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>15' 0&quot; (4.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>20' 0&quot; (6.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>25' 0&quot; (7.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>30' 0&quot; (9.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>35' 0&quot; (10.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>40' 0&quot; (12.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>45' 0&quot; (13.5 m)</td>
<td>End Side</td>
</tr>
</tbody>
</table>

### 9' 10" (3.02 m) Arm with 25' 3" (7.70 m) Boom and 6,440 lb. (2920 kg) Bucket with Power-Boost Applied - Short Arm

<table>
<thead>
<tr>
<th>Radius of Load</th>
<th>Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' 0&quot; (3.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>15' 0&quot; (4.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>20' 0&quot; (6.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>25' 0&quot; (7.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>30' 0&quot; (9.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>35' 0&quot; (10.5 m)</td>
<td>End Side</td>
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<tr>
<td>40' 0&quot; (12.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>45' 0&quot; (13.5 m)</td>
<td>End Side</td>
</tr>
</tbody>
</table>

### 6" (0.5 m) Arm with 25' 3" (7.70 m) Boom and 6,440 lb. (2920 kg) Bucket with Power-Boost Applied - Short Arm

<table>
<thead>
<tr>
<th>Radius of Load</th>
<th>Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' 0&quot; (1.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>10' 0&quot; (3.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>15' 0&quot; (4.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>20' 0&quot; (6.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>25' 0&quot; (7.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>30' 0&quot; (9.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>35' 0&quot; (10.5 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>40' 0&quot; (12.0 m)</td>
<td>End Side</td>
</tr>
<tr>
<td>45' 0&quot; (13.5 m)</td>
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</tbody>
</table>
Bucket Sizes

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>SAE Heaped Capacity (yd³)</th>
<th>Width Inside Lip (in)</th>
<th>Width Outside Lip (mm)</th>
<th>Bucket Weight (lbs) (kg)</th>
<th>Number of Teeth</th>
<th>9' 10&quot; (3.02 m) 3.55 m</th>
<th>11' 8&quot; (3.55 m) 4.11 m</th>
<th>13' 6&quot; (4.11 m) 5.0 m</th>
<th>16' 5&quot; (5.0 m) 6.0 m</th>
<th>Arm Excavator</th>
<th>Max Reach</th>
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<tbody>
<tr>
<td>HDP Heavy duty plate</td>
<td>2.12 1.62</td>
<td>37.00 940</td>
<td>4928 2235</td>
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<tr>
<td>2.89 2.21</td>
<td>47.00 1194</td>
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<tr>
<td>3.29 2.51</td>
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<tr>
<td>4.25 3.25</td>
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<td>5.37 4.11</td>
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<tr>
<td>2.47 1.89</td>
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<tr>
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<tr>
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<tr>
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<td>15,950* 7,700*</td>
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Standard & Optional Equipment

Standard Equipment

CAB
• 12V Power Outlet
• AM/FM Sound System
• Anti-Theft Device
• Auxiliary Switches on Control Lever
• Bluetooth
• Cab Filter - External
• Cab Handrails
• Cab Interior Light
• Cab ISOMounts
• Cab Light (2)
• Clear Roof Window
• Climate Control A/C and Heater
• Cup Holder
• Defroster
• Digital Clock
• Emergency Exit and Hammer
• Face Vent
• Floor Mat
• FOPS Level 1 Certified
• Front Window One-Touch Lock
• Gate Lock Hydraulic Activation
• Horn
• Hour Meter (Digital)
• LCD Color Monitor
• Magazine Storage Rack
• Maintenance Interval Reminders
• MP3 Auxiliary Input Jack
• On-Board Diagnostic System
• One-Piece Right Window
• Radio Mute Switch
• Rear View Camera
• Rear View Mirrors (2)
• Remote CARE Support System (GPS)
• Roof Sun Shade
• ROPS Certified Structure
• Safety Glass Windows
• SCM Suspension Seat
• Seat Recline
• Selectable Monitor Languages
• Small Storage
• Travel Alarm with Cancel Switch
• Trip Meter (Digital)
• USB Input
• Wiper & Washer
• Wiper Switch on RH Joystick

ENGINE
• 50A Alternator
• Air Filter (Double Element)
• 50A Alternator
• Air Filter Restriction Indicator
• Air Pre-Cleaner (Cyclone type)
• Auto Warm-Up System
• Auto-Idle
• Auto-Idle Engine Shutdown
• Battery Disconnect Switch
• Cooling Fan
• Diesel Oxidation Catalyst (DOC)
• Drain for Fuel Tank
• Dual Remote Fuel Filters with Water Separators
• EGR Coolers
• Emergency Engine Stop
• Engine Idle System
• Engine Oil Sample Port
• Engine Protection Feature
• External Fuel Gauge
• External DEF Gauge
• Fan Housing
• Fuel Cooler
• Fuel Filter Restriction Indicator
• Fuel Management System
• Fuel Shut-Off Valve
• Fuel Usage History
• Fuel Usage Monitor
• Glow Plug Pre-Heat
• Idle-Start
• Intercooler
• Neutral Start
• One-Touch Idle
• Passive Emissions Regeneration
• Radiator / Oil Cooler / Intercooler Protective Screen
• Remote Engine Oil Drain
• Remote Oil Filter
• Reversible Cooling Fan
• Selective Catalytic Reduction (SCR)
• Tropical Package
• DEF Gauge on Monitor
• VGT Turbocharger

HYDRAULICS
• Arm Regeneration
• Arm Speed Assistance (2 Pump Flow)
• Attachment Cushion Valve
• Auto Swing Priority
• Auxiliary Flow Control
• Auxiliary Tool Settings (Memory)
• Auxiliary Valve
• Boom Regeneration
• Boom Speed Assistance (2 Pump Flow)
• Bucket Curl Assist
• Control Levers Pre-Wired for Auxiliary Hyd.

Optional Equipment

CAB
• 270° WAVES™ Camera System
• Cab Light (2 LED)
• Cab Sun Screen (rear)
• FOPS Head Guard (Level 2)
• Front Guard [Mesh]
• Front Guard [Cage 1.2]
• LED Light Kit for Side Camera (1)
• LED Lights for Rear Camera (2)
• Rain Deflector
• SCM Air-Suspension Seat with Tilt & Heater

ENGINE
• Refuel Pump

HYDRAULICS
• Hose Burst Check Valve
• Proportional Hydraulic Controls

AUXILIARY HYDRAULIC OPTIONS
• Single-Acting Aux. w/ Proportional Joysticks
• Multi-Function Aux. w/ in-cab pressure setting control
• Thumb Aux. w/ Proportional Joysticks
• Combination Aux. w/ in-cab pressure setting control

UNDERCARRIAGE
• 750 mm (29.5”) 3-Bar Steel Grousers
• Full Length Track Guide

UPPERSTRUCTURE
• Counterweight Removal System

ATTACHMENT
• 11’ 1” (3.98 m) Arm
• 22’ 11” (6.98 m) Main Boom Section
• Auxiliary Pipe Brackets
• Boom Work Light (2)
• Bucket Anti-Clatter Device
• Chrome Pins
• Easy Maintenance System (EMS)
• HD Bucket Linkage
• Remote Lube Bank
• Teardrop Pin Retention Keepers

Litho in USA 08/20 #LBX2435 supersedes LBX2362

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