SAE Net Horsepower: 160 HP (119 kW)
Operating Weight: 48,900 lbs. (22,200 kg)
Digging Depth: 21 ft 10 in (6.65 m)
Performance, Productivity and Reliability Come Standard

Link-Belt X4 Series excavators are built to exceed your expectations. New electronically-controlled hydraulic pumps reduce cycle times by as much as 9%. Expect more power and fuel efficiency, thanks to an innovative Final Tier 4 engine that delivers up to 12% 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 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

• Add Link-Belt 2D Machine Guidance to maintain a consistent grade and depth control for all projects. Choose 2D Machine Control for semiautonomous digging; operator controls the speed of the stick while the boom and bucket automatically adjust to maintain the target grade.

*All improvements and percentage increases are in reference to Link-Belt X3 Series excavators, unless otherwise stated.
Greater digging power, increased lift capacities and faster cycle times start with our intuitive Ulti-Flow™ hydraulic system featuring a 30% larger hydraulic passage area, larger spools and advanced controls. Pilot pressure sensors detect the type of work being done—such as digging or leveling—and then relay 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 9% 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
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 12% improved fuel efficiency, without having to worry about costly diesel particulate filters (DPF) to maintain or replace. Three power 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 12% improved fuel economy
- 500-hr. fuel filter service intervals
- 10 diesel tank refills per 1 diesel exhaust fluid (DEF) refill
- 2.5% 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)
Grade Control Technology
Improves Productivity & Accuracy

2D Machine Guidance (MG)

The 210 X4 can be fitted with the Link-Belt® 2D Machine Guidance (MG) system to help improve excavator operations on projects such as trenching for underground utilities and pipelines, digging footers and basements, site prep, building roads and mass excavation. Simply input the target depth, cross slope, and or mainfall slope required from the job and the system will provide visual and audible indication to help the operator maintain a desired grade thus eliminating under or over excavating.

2D MG leverages the existing machine monitor and eliminates clutter inside the cab. The 2D MG system also utilizes external inertial measurement unit (IMU) sensors to provide highly accurate guidance at a lower cost compared to “in-cylinder sensors”.

- Utilizes the machine monitor for all 2D MG operations.
- The 2D MG monitor indicates the position of the attachment relative to the target grade at all times providing the operator the information he needs without relying on a grade checker.
- Measurement mode enables the operator to use the excavator attachment as a precise measuring tool.
- Guidance mode displays depth, attachment angle, height & depth limitation alarm.
- Guidance system only, operator is in full control of the machine.
- Operators are up to 30% more productive with 2D MG compared to without technology.

2D Machine Control (MC)

The Link-Belt 2D Machine Control (MC) system enables operators to dramatically improve their productivity and accuracy while reducing their mental fatigue by automating the movement of the boom and bucket to keep the bucket cutting edge on the desired target grade. 2D MC is ideal for applications like trenching for underground utilities or pipelines or anything that requires the last pass to perfectly match the desired target grade whether it’s a flat or sloping surface. The 2D MC system adds a 10” Android touchscreen display with an intuitive user interface and a machine control joystick in the cab to engage the semi-automatic boom and bucket control.

- Semi-automatic function intended for the last pass at the desired target grade, not for bulking out or mass excavation.
- The operator controls the speed of the stick while the boom and bucket automatically adjust to maintain the target grade.
- The operator is in full control and can override the semi-automatic function at all times.
- Operators can now create smooth, flat or sloped surfaces more easily when the excavator is placed in Autos mode.
- Operators are up to 30% more productive with 2D MC excavator automatics compared to a 2D MG system.
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
- Monitor SCR auto regeneration
- Select and set up attachments: 5 presets for breakers; 5 presets for crushers
- In-cab pressure controls
- Anti-theft system
- Auto-adjusts for time and calendar
- 24 languages available

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

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.
210 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
- Stronger cylinder mounts

**Lowers**

- Thicker travel motor case - 8% increase
- Thicker plating between side frame and travel motor case - 14% increase
- Unique side-frame design reduces dirt accumulation and is easier to clean.
- 52% wider idler hub

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 AR-4HK1X 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........................................... 160 hp (119.3 kW) @ 1,800 rpm
Displacement ................................................................. 317 cu in (5.2 L)
Maximum Torque ........................................................... 457 lbf-ft (620 Nm) @ 1,600 rpm
Starters .................................................................................. 2
Alternator ................................................................................ 50 amp
Battery .................................................................................. (2) 12-volt 92 amp hours

Cab and Controls

ROPS and FOPS Level 1 certified with automatic climate control A/C and heat with defroster, 7” LCD 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 air suspension seat, sliding 4-position tilting control console, Bluetooth technology, AM/FM sound system with USB and MP3 auxiliary input jack, digital clock, dome light, seat belt, coat hook, 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, Remote CARE 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.

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

Hydraulic Pumps

Pump Output ................................................................. 2 x 55.7 gpm (211 L/min)
Pilot Pump Maximum Flow ............................................ 4.8 gpm (18 L/min)

Relief Valve Settings

Boom/Arm/Bucket .......................................................... 4,970 psi (34.3 MPa)
in Power Boost ........................................................................ 5,410 psi (37.3 MPa)
Swing Circuit ................................................................. 4,260 psi (29.4 MPa)
Travel Circuit ........................................................................ 4,970 psi (34.3 MPa)

Hydraulic Cylinders

number of cylinders - bore x rod x stroke
Boom ........................................................................... 2 - 4.7” x 3.3” x 49.4”
(120 mm x 85 mm x 1,255 mm)
Arm .............................................................................. 1 - 5.5” x 3.9” x 57.5”
(140 mm x 100 mm x 1,460 mm)
Bucket .......................................................................... 4.7” x 3.3” x 39.8”
(120 mm x 85 mm x 1,010 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 ........................................................................ 9 2” (2.79 m)
Swing Torque ............................................................... 47,200 lbf-ft (64.0 kNm)

Undercarriage

X Pattern carbory with 14’8”(4.47 m) LC long undercarriage by 7”10”(2.39 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 ...................................................................... 8 per Side
Track Link Pitch ............................................................ 7.48”(190 mm)
Shoes ............................................................................ 49 per Side
Shoe Width ........................................................................ 31.5”(800 mm)
Ground Pressure .......................................................... 4.93 psi (0.034 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 .............................................................. 2.1 - 3.5 mph (3.4 - 5.6 km/h)
Drawbar Pull ..................................................................... 42,300 lbf (188 kN)
Gradeability ...................................................................... 70% (35°)

Attachment

Available Arms ............................................................ 18’8” (5.70 m)

Digging Force

9’ 8”(2.94 m) .................................................................. 23,100 lbf (103 kN)
with Auto Power Boost ..................................................... 25,100 lbf (112 kN)
7’ 10”(2.40 m) .................................................................. 27,600 lbf (123 kN)
with Auto Power Boost ..................................................... 30,000 lbf (133 kN)
• Bucket Digging Force .................................................... 31,800 lbf (142 kN)
with Auto Power Boost ..................................................... 34,600 lbf (154 kN)

Fuel Tank ............................................................................. 108 Gallons (410.0 Liters)
Hydraulic System .......................................................... 66 Gallons (250.0 Liters)
Hydraulic Tank ................................................................... 39 Gallons (147.0 Liters)
Final Drive (per side) ....................................................... 1.3 Gallons (5.0 Liters)
Swing Drive ........................................................................ 1.3 Gallons (5.0 Liters)
Engine Oil ......................................................................... 6.1 Gallons (23.1 Liters)
DEF Tank .......................................................................... 31.7 Gallons (120.0 Liters)
Coolant System .................................................................. 8.3 Gallons (31.4 Liters)

Operating Weight

Working weight with 31.5”(800 mm) shoes, 18’8”(5.70 m) boom, 9’8”(2.94 m)
arm, 1,435 lb. (651 kg) bucket, 8,640 lb. (3,920 kg) counterweight
.................................................................................. 48,900 lbs. (22 200 kg)
### Working Range & Travel Dimensions

<table>
<thead>
<tr>
<th>Machine Equipped with 18' 8&quot; (5.70 m) Boom</th>
<th>Arm 9' 8&quot; (2.94 m)</th>
<th>Arm 7' 10&quot; (2.40 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum reach</td>
<td>32' 6&quot; (9.90 m)</td>
<td>30' 11&quot; (9.24 m)</td>
</tr>
<tr>
<td>B. Maximum reach @ ground level</td>
<td>31' 11&quot; (9.73 m)</td>
<td>30' 4&quot; (9.24 m)</td>
</tr>
<tr>
<td>C. Maximum dig depth</td>
<td>21' 10&quot; (6.65 m)</td>
<td>20' 1&quot; (6.11 m)</td>
</tr>
<tr>
<td>D. Maximum dig height</td>
<td>31' 6&quot; (9.61 m)</td>
<td>30' 10&quot; (9.39 m)</td>
</tr>
<tr>
<td>E. Maximum dump height</td>
<td>22' 4&quot; (6.81 m)</td>
<td>21' 7&quot; (6.59 m)</td>
</tr>
<tr>
<td>F. Digging depth 8&quot; (2.44 m) level bottom</td>
<td>21' 3&quot; (6.47 m)</td>
<td>19' 4&quot; (5.90 m)</td>
</tr>
<tr>
<td>G. Bucket rotation</td>
<td>177°</td>
<td>177°</td>
</tr>
<tr>
<td>H. Maximum vertical wall depth</td>
<td>19' 7&quot; (5.96 m)</td>
<td>18' 0&quot; (5.48 m)</td>
</tr>
</tbody>
</table>

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**Working Range & Travel Dimensions**

- **Arm 9' 8" (2.94 m) Arm**
  - 30' 11" (9.43 m)
  - 21' 11" (6.66 m)
  - 9' 1" (2.77 m)

- **Arm 7' 10" (2.40 m) Arm**
  - 31' 2" (9.51 m)
  - 22' 2" (6.74 m)

---

**Machine equipped with:**

- 9' 8" (2.94 m) Arm
- 7' 10" (2.40 m) Arm
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 10567, “Earthmoving Machinery - Hydraulic Excavators - Lift Capacity.”

<table>
<thead>
<tr>
<th>Radius of Load</th>
<th>Lift Capacities</th>
</tr>
</thead>
<tbody>
<tr>
<td>9' 8&quot; (2.94 m) Arm with 18' 8&quot; (5.70 m) Boom and 1,450 lb. (650 kg) Bucket with Power-Boost Applied</td>
<td></td>
</tr>
<tr>
<td>7' 10&quot; (2.40 m) Arm with 18' 8&quot; (5.70 m) Boom and 1,550 lb. (700 kg) Bucket with Power-Boost Applied</td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Radius of Load</th>
<th>Lift Capacities</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' 0&quot; (1.5 m)</td>
<td>10' 0&quot; (3.0 m)</td>
</tr>
<tr>
<td>End</td>
<td>Side</td>
</tr>
<tr>
<td>lbs</td>
<td>lbs</td>
</tr>
<tr>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>+25' 0&quot;</td>
<td>5,100*</td>
</tr>
<tr>
<td>(7.5 m) kg</td>
<td>2.960*</td>
</tr>
<tr>
<td>+20' 0&quot;</td>
<td>8,550*</td>
</tr>
<tr>
<td>(6.0 m) kg</td>
<td>3.940*</td>
</tr>
<tr>
<td>+15' 0&quot;</td>
<td>10,300*</td>
</tr>
<tr>
<td>(4.5 m) kg</td>
<td>4.760*</td>
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<tr>
<td>+10' 0&quot;</td>
<td>16,500*</td>
</tr>
<tr>
<td>(3.0 m) kg</td>
<td>7.670*</td>
</tr>
<tr>
<td>+5' 0&quot;</td>
<td>20,300*</td>
</tr>
<tr>
<td>(1.5 m) kg</td>
<td>9.540*</td>
</tr>
<tr>
<td>-5' 0&quot;</td>
<td>16,400*</td>
</tr>
<tr>
<td>(1.5 m) kg</td>
<td>7.490*</td>
</tr>
<tr>
<td>-10' 0&quot;</td>
<td>22,300*</td>
</tr>
<tr>
<td>(3.0 m) kg</td>
<td>10.500*</td>
</tr>
<tr>
<td>+0' 0&quot;</td>
<td>22,800*</td>
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<tr>
<td>(1.5 m) kg</td>
<td>9.830*</td>
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<tr>
<td>-5' 0&quot;</td>
<td>16,400*</td>
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<td>22,800*</td>
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<tr>
<td>(1.5 m) kg</td>
<td>9.830*</td>
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Notes: Excavator lifting capacities

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7. Lift capacity ratings are based on ISO 10567, “Earthmoving Machinery - Hydraulic Excavators - Lift Capacity.”
Standard Equipment

- Auto Warm-Up System
- Air Filter (Double Element)
- Wiper Switch on RH Joystick
- Wiper & Washer
- Trip Meter (Digital)
- Travel Alarm with Cancel Switch
- Small Storage
- Selectable Monitor Languages
- SCM Air-Suspension Seat
- ROPS Certified Structure
- Roof Sun Shade
- RemoteCARE Support System (GPS)
- Radio Mute Switch
- One-Piece Right Window
- On-Board Diagnostic System
- Maintenance Interval Reminders
- Magazine Storage Rack
- LCD Color Monitor
- Horn
- Gate Lock Hydraulic Activation
- Front Window One-Touch Lock
- FOPS Level 1 Certified
- Face Vent
- Emergency Exit and Hammer
- Digital Clock
- Cup Holder
- Climate Control A/C and Heater
- Clear Roof Window
- Cab Light (2)
- Cab ISO-Mounts
- Cab Interior Light
- Cab Handrails
- Bluetooth
- AM/FM Sound System
- 12V Power Outlet
- 12-Volt Power Outlet
- Air Filter
- Auxiliary Switches on Control Lever
- Arm/Bucket Combinations

Optional Equipment

- 270° WAVES™ Camera System
- Cab Light [2 LED]
- Cab Sun Screen [rear]
- FOPS Head Guard [Level 2]
- Front Guard [Mesh]
- Front Guard [OOG 1.2]
- LED Light Kit for Side Cameras [1]
- LED Lights for Rear Cameras [2]
- Rain Deflector
- SCM Air-Suspension Seat with Tilt & Heater
- Hose Burst Check Valve
- Proportional Hydraulic Controls
- 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

Hydraulics

- Fuel Shut-Off Valve
- Fuel Usage Monitor
- Fuel Filter Restriction Indicator
- Fuel Cooler
- Engine Protection Feature
- Engine Oil Sample Port
- Engine Idle System
- Engine Oil Sample Port
- Engine Oil Filter
- Intricate Cylindrical Reduction (SCR)
- DEF Gauge on Monitor
- VGT Turbocharger

Attachments

- 18" (5.70 m) Main Boom Section
- Auxiliary Pipe Brackets
- Boom Work Light
- Bucket Anti-Clutter Device
- Chrome Pins
- Easy Maintenance System (EMS)
- Remote Lube Bank
- Teardrop Pin Retention Keepers

Parts Kit

- Bucket Anti-Clutter Device
- Engine Manual
- Engine Oil Filter
- Filter Wrench
- Fuel Filters
- Grease Gun
- Green Plug Drain Hose for Engine Oil Drain
- Hydraulic Return Filter
- Ignition Keys
- Pilot Circuit Hydraulic Filter
- Rearview Mirrors
- Work Light for Boom

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

Bucket Sizes

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>SAE Heaped Capacity (yd³)</th>
<th>Width Outside Lip (in)</th>
<th>Bucket Weight (kg)</th>
<th>Number of Teeth</th>
<th>Arm Length 9&quot; 8' 9&quot; 8' 2.94 m 2.41 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>STDP ..........Standard duty plate</td>
<td>0.65</td>
<td>24</td>
<td>610</td>
<td>1151</td>
<td>522</td>
</tr>
<tr>
<td>HDP ............Heavy duty plate</td>
<td>0.87</td>
<td>30</td>
<td>762</td>
<td>1265</td>
<td>574</td>
</tr>
<tr>
<td>XDP .............Extreme duty plate</td>
<td>1.09</td>
<td>36</td>
<td>914</td>
<td>1433</td>
<td>650</td>
</tr>
<tr>
<td>POWER ..........HDP for use with ESCO multi-pin grabber only</td>
<td>0.61</td>
<td>24</td>
<td>610</td>
<td>1592</td>
<td>722</td>
</tr>
<tr>
<td>DITCH ..........</td>
<td>1.08</td>
<td>60</td>
<td>1524</td>
<td>1470</td>
<td>660</td>
</tr>
</tbody>
</table>

Litho in USA 8/20 #LBX2429 supersedes #LBX2390

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