



PERFORMANCE, PRODUCTIVITY AND RELIABILTY COME STANDARD

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, improving cycle times by up to 8%. Expect more power and fuel efficiency, thanks to an innovative Final Tier 4 engine that delivers up to 8% improved fuel efficiency, 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
- Ergonomic joysticks fit your hand perfectly





- EPA Final Tier 4 engine is fuel efficient without sacrificing power
- 7" high-definition LCD monitor keeps you connected to your machine and work environment





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





- Ground level access to routine. service points lets you cut daily maintenance down to just minutes
- Full-time, rear-view camera display is standard; add the WAVES™ option for a seamless 270° view around the machine





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



- snacks and other personal items
- plating for longer life • Unique side-frame design reduces dirt accumulation and is easier

to clean

Robust undercarriage features

larger track rollers and thicker



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

^{*}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 up to 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





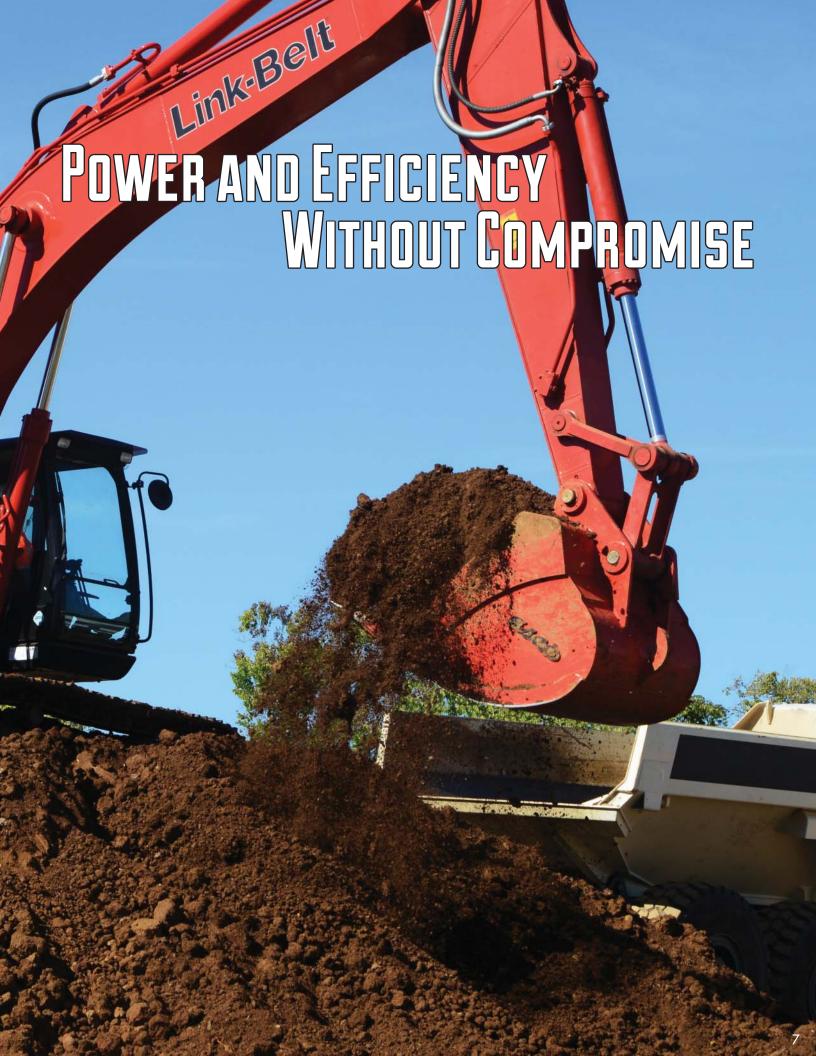


The X4 Series features innovative EPA-certified Final Tier 4 engines from Isuzu that strike the ultimate balance between power, productivity and fuel efficiency. You'll experience up to 8% improved fuel efficiency, without having to worry about costly diesel particulate filters (DPF) to maintain or replace. 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 8% improved fuel economy
- 500-hr. fuel filters service intervals
- 8 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 auto SCR regenerations, only takes 5-8 minutes to complete!
- VGT (Variable Geometry Turbocharger)









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. 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.





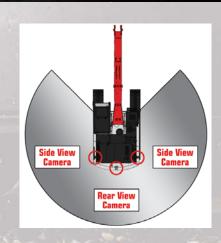


High-Definition LCD monitor has a full-color 7" display that rivals the resolution found in luxury automobiles. Controls are easy to read and easy to use. The rearview camera activates automatically whenever the machine is started, and sight guidelines have been added for increased safety.

- 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 and pressure controls for auxiliary hydraulics
- Anti-theft system
- Auto-adjusts for time and calendar
- 24 languages available
- Ability to view fuel consumption

WIDE-ANGLE VISUAL ENHANCEMENT SYSTEM

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.





GET WORKING FAST WITH EASY ACCESS TO SERVICE POINTS

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!
- \bullet 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

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 **lbxco.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
- · Cast boom tip for increased reliability



Lowers

- Thicker travel motor case 28% increase
- 14% more stroke recoil spring
- 50% longer idler shoulder and 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 3-year/3,000 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.



^{*}Applies to 2018 or newer serialized machines only.

SPECIFICATIONS

្ត្រី Engine

Isuzu AQ-6HK1X Final Tier 4 turbocharged diesel engine with electronic control (ECM) and high pressure common-rail fuel injection, 6-cylinder, water-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.

| SAE J 1349 net horsepower | 268 hp (200 kW) @ 1,900 rpm |
|---------------------------|-----------------------------|
| Displacement | 475 cu in (7.8 L) |
| | |
| Starter | 24V-5.0kW |
| Alternator | 50 amp |
| Battery | (2) 12-volt 128 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 airsuspension 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, 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.

| Hydraulic System

Open-center system, two variable-displacement electronically controlled axialpiston 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 79.3 gpm (300 L/min) |
| Pilot Pump Maximum Flow | 7.5 gpm (28.5 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 | 4.410 pci (30.4 MPa) |

| Hydraulic Cylinders | |
|---------------------|---|
| _ | number of cylinders - bore x stroke |
| Boom | 2 - 5.7" x 58.9" (145 mm x 1,495 mm) |
| Arm | , , |
| AIII | (170 mm x 1,748 mm) |
| Bucket | 5.9" x 47.6" |
| | (150 mm x 1,210 mm) |

C 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 | 9.7 rpm |
|--------------|---------|
| Tail Swing | • |
| Swing Torque | |

ODDD Undercarriage

X Pattern carbody with 16' 4" (4.98 m) LC long undercarriage by 8' 6" (2.60 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.

| 2 per Side |
|----------------------|
| 8 per Side |
| 8.5" (216 mm) |
| 48 per Side |
| 31.5" (800 mm) |
| 7.69 psi (0.053 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, Single-pedal straight line travel.

| Travel Speeds | 2.1 - 3.5 mph (3.4 - 5.6 km/h) |
|---------------|--------------------------------|
| Drawbar Pull | 58,200 lbf (259 kN) |
| Gradeability | 70% (35°) |

Attachment

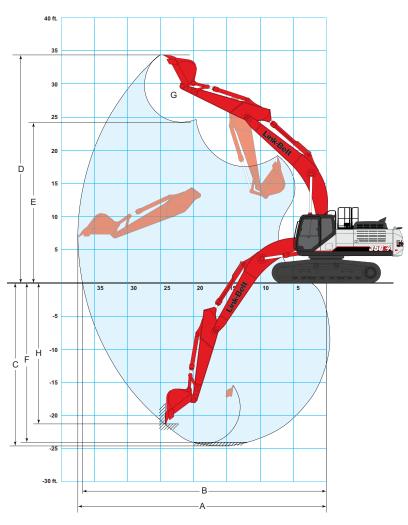
| Boom | 21' 2" (6.45 m) |
|-----------------------|---------------------|
| Available Arms | Digging Force |
| • 10' 8" (3.25 m) | |
| with Auto Power Boost | 40,200 lbf (179 kN) |
| • 8' 8" (2.63 m) | 43,770 lbf (195 kN) |
| with Auto Power Boost | 47,590 lbf (212 kN) |
| • 13' 3" (4.04 m) | |
| with Auto Power Boost | 34,220 lbf (152 kN) |
| Bucket Digging Force | 51,640 lbf (230 kN) |
| with Auto Power Boost | 56,160 lbf (250 kN) |
| | |

Lubricant & Coolant Capacity

| Fuel Tank | 153 Gallons (580.0 Liters) |
|------------------------|----------------------------|
| Hydraulic System | 92 Gallons (350.0 Liters) |
| Hydraulic Tank | 46 Gallons (175.0 Liters) |
| Final Drive (per side) | 2.5 Gallons (9.5 Liters) |
| Swing Drive | 1.3 Gallons (5.0 Liters) |
| Engine Oil | 12.7 Gallons (48.0 Liters) |
| DEF Tank | 40 Gallons (152.0 Liters) |
| Coolant System | 10.0 Gallons (38.0 Liters) |

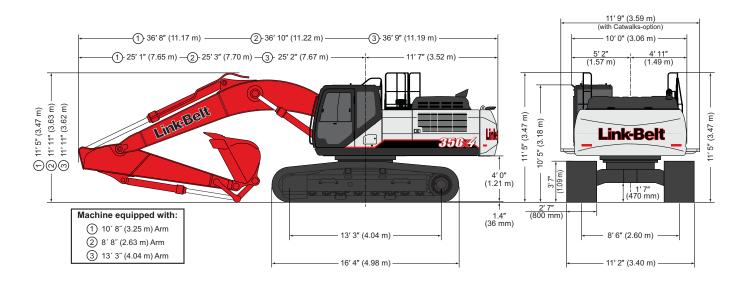
Operating Weight

Working Range & Dimensions



| Machine Equipped with 21' 2" (6.45 m) Boom | Arm | Arm | Arm |
|--|-----------|-----------|-----------|
| | 10' 8" | 8' 8" | 13' 3" |
| | (3.25 m) | (2.63 m) | (4.04 m) |
| A. Maximum reach | 36' 8" | 34' 11" | 39' 0" |
| | (11.17 m) | (10.65 m) | (11.90 m) |
| B. Maximum reach @ ground level | 36' 0" | 34' 3" | 38' 5" |
| | (10.98 m) | (10.45 m) | (11.71 m) |
| C. Maximum dig depth | 24' 1" | 22' 1" | 26' 9" |
| | (7.34 m) | (6.72 m) | (8.14 m) |
| D. Maximum dig height | 34' 1" | 33' 9" | 34' 11" |
| | (10.38 m) | (10.28 m) | (10.65 m) |
| E. Maximum dump height | 23' 9" | 23' 4" | 24' 8" |
| | (7.24 m) | (7.11 m) | (7.53 m) |
| F. Digging depth 8' (2.44 m) level bottom | 23' 7" | 21' 6" | 26' 3" |
| | (7.19 m) | (6.54 m) | (8.01 m) |
| G. Bucket rotation | 173° | 173° | 173° |
| H. Maximum vertical wall depth | 20' 10" | 19' 7" | 23' 0" |
| | (6.34 m) | (5.98 m) | (7.01 m) |

Dimensions



LIFT CAPACITIES

| | Radius of Load 10' 8" (3.25 m) Arm with 21' 2" (6.45 m) Boom and 2,600 lb. (1 170 kg) Bucket with Power-Boost Applied | | | | | | | | | | | | | | | | |
|-------------------------|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|-----------------------|--------------------|------------------------|---------------------------|
| | | 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) | 30' 0" | (9.0 m) | 35' 0" (| 10.5 m) | Cap at Max. Reach | |
| End | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End | Side |
| +30' 0" (9.0 m) | lbs kg | | | | | | | | | | | | | | | 8,850 * 3 980* | 8,850 * 3 980* |
| +25' 0" (7.5 m) | lbs kg | | | | | | | | | 14,350 * 6 750* | 14,350 * 6 750* | 9,950* 5 330* | 9,950* 5 330* | | | 8,250 * 3 740* | 8,250 * 3 740* |
| +20' 0" (6.0 m) | lbs kg | | | | | | | | | 16,150 * 7 380* | 16,150 * 7 380* | 14,650 * 6 690* | 12,000 5 600 | | | 8,050 * 3 660* | 8,050* 3 660* |
| +15' 0" (4.5 m) | lbs kg | | | | | | | 20,900* 9 660* | 20,900* 9 660* | 17,700* 8 180* | 16,000 7 440 | 15,700* 7 270* | 11,650 5 430 | | | 8,150 * 3 700* | 8,150 * 3 700* |
| +10' 0" (3.0 m) | lbs kg | | | 45,450* 17 480* | 45,450* 17 480* | 33,950* 15 740* | 33,300* 15 450 | 24,700* 11 440* | 21,800 10 110 | 20,000* 9 230* | 15,250 7 080 | 17,050* 7 850* | 11,250 5 230 | 9,550 * 5 450* | 8,450 3 960 | 8,450 * 3 830* | 8,350 3 780 |
| +5' 0" (1.5 m) | lbs kg | | | 17,200* 7 290* | 17,200* 7 290* | 39,150* 17 950* | 31,550 14 650 | 27,900* 12 900* | 20,450 9 500 | 21,850 * 10 080* | 14,500 6 750 | 16,850 7 830 | 10,800 5 030 | 9,500 * 5 600* | 8,300 3 860 | 8,950 * 4 070* | 8,250 3 730 |
| Ground Line | lbs kg | | | 23,350* 10 360* | 23,350* 10 360* | 40,950* 18 830* | 30,000 13 940 | 29,600* 13 680* | 19,500 9 060 | 21,950 10 200 | 13,950 6 480 | 16,450 7 660 | 10,500 4 880 | | | 9,850 * 4 460* | 8,500 3 850 |
| -5' 0" (1.5 m) | lbs kg | 23,250* 10 400* | 23,250* 10 400* | 31,800* 14 140* | 31,800* 14 140* | 40,800* 18 840* | 29,700* 13 810 | 29,700* 13 720* | 19,050 8 850 | 21,600 10 040 | 13,650 6 340 | 16,350 7 590 | 10,350 4 810 | | | 11,300 * 5 090* | 9,200 4 150 |
| -10' 0" (3.0 m) | lbs kg | 32,100* 14 390* | 32,100* 14 390* | 43,100* 19 080* | 43,100* 19 080* | 38,800* 17 930* | 30,000 13 950 | 28,700* 13 280* | 19,200 8 910 | 21,600 10 030 | 13,750 6 390 | | | | | 13,700 * 6 160* | 10,550 4 750 |
| -15' 0" (4.5 m) | lbs kg | 43,000* 19 170* | 43,000* 19 170* | 47,750* 22 150* | 47,750* 22 150* | 34,100* 15 830* | 30,500 14 180 | 25,400* 11 840* | 19,700 9 140 | 18,450* 8 750* | 14,350 6 650 | | | | | 16,150 * 7 300* | 13,200 5 900 |
| - 20' 0" (6.0 m) | lbs kg | | | 33,900 * 16 040* | 33,900 * 16 040* | 24,850 * 11 800* | 24,850 * 11 800* | 16,900 * 8 300* | 16,900* 8 300* | | | | | | | 15,350 * 7 040* | 15,350 * 7 040* |

| | Radius of Load | | | | | | | | | | | | | | |
|---------------------------|---|------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|---------------------------|---------------------|--------------------------|---------------------------|
| | 8' 8" (2.63 m) Arm with 21' 2" (6.45 m) Boom and 2,750 lb. (1 240 kg) Bucket with Power-Boost Applied | | | | | | | | | | | | | | |
| | | 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) | 30' 0" | (9.0 m) | Cap at Ma | ax. Reach |
| End | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End | Side |
| +30' 0" (9.0 m) | lbs kg | | | | | | | | | | | | | 12,500 * 5 620* | 12,500* 5 620* |
| +25' 0" (7.5 m) | lbs kg | | | | | | | | | 16,250* 7 400* | 16,250 * 7 400* | | | 11,550* 5 230* | 11,550 * 5 230* |
| +20' 0" (6.0 m) | lbs kg | | | | | | | | | 17,450* 7 970* | 16,150 7 500* | 15,650 * 7 140* | 11,500 5 390 | 11,250 * 5 080* | 10,600 4 770 |
| +15' 0" (4.5 m) | lbs kg | | | | | 27,700* 12 770* | 27,700* 12 770* | 22,350* 10 350* | 22,000 10 210* | 18,700* 8 650* | 15,500 7 210 | 16,550 * 7 640* | 11,250 5 250 | 11,250* 5 110* | 9,450 4 250 |
| +10' 0" (3.0 m) | lbs kg | | | | | 33,400* 15 460* | 32,900 15 250 | 25,900* 12 010* | 21,100 9 780 | 20,700* 9 550* | 14,800 6 870 | 16,900 7 870 | 10,850 5 070 | 11,550 * 5 260* | 8,850 4 020 |
| +5' 0" (1.5 m) | lbs kg | | | | | 38,600* 17 850* | 30,450 14 130 | 28,550* 13 210* | 19,850 9 220 | 22,000* 10 220 | 14,100 6 560 | 16,500 7 680 | 10,500 4 890 | 12,200 * 5 550* | 8,750 3 970 |
| Ground Line | lbs kg | | | | | 40,600* 18 720* | 29,350 13 650 | 29,550* 13 660* | 19,050 8 850 | 21,600 10 050 | 13,600 6 330 | 16,250 7 550 | 10,250 4 770 | 13,350 * 6 050* | 9,100 4 120 |
| -5' 0" (1.5 m) | lbs kg | 21,500* 9 280* | 21,500* 9 280* | 32,150* 14 270* | 32,150* 14 270* | 39,850* 18 380* | 29,550 13 740 | 29,300* 13 520* | 18,850 8 750 | 21,400 9 960 | 13,450 6 250 | 16,300 7 560 | 10,300 4 780 | 15,200 * 6 880* | 9,950 4 510 |
| -10' 0" (3.0 m) | lbs kg | 35,450* 15 900* | 35,450 * 15 900* | 46,900* 20 730* | 46,900* 20 730* | 36,800* 17 000* | 30,000 13 950 | 27,500* 12 750* | 19,100 8 880 | 20,850* 9 720* | 13,800 6 390 | | | 16,450 * 7 470* | 11,700 5 270 |
| -15' 0" (4.5 m) | lbs kg | | | 41,400* 19 220* | 41,400* 19 220* | 30,700* 14 290* | 30,050 13 980 | 22,750* 10 680* | 19,650 9 120 | | | | | 15,850* 7 150* | 15,250 6 800 |

| | Radius of Load 13' 3" (4.04 m) Arm with 21' 2" (6.45 m) Boom and 2,300 lb. (1 050 kg) Bucket with Power-Boost Applied | | | | | | | | | | | | | | | | |
|------------------------|--|------------------------|------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|--------------------------|-------------------------|
| | | | | | | | | 20' 0" (6.0 m) | | 25' 0" (7.5 m) | | 30' 0" (9.0 m) | | 35' 0" (10.5 m) | | Cap at Ma | ax. Reach |
| End | Side | End ` | Side | End | Side | End | Side | End | Side | End | Side | End | Side | End ` | Side | End | Side |
| +30' 0" (9.0 m) | lbs kg | | | | | | | | | | | | | | | 6,650* 2 990* | 6,650* 2 990* |
| +25' 0" (7.5 m) | lbs kg | | | | | | | | | | | 11,250 * 5 320* | 11,250 * 5 320* | | | 6,250 * 2 820* | 6,250* 2 820* |
| +20' 0" (6.0 m) | lbs kg | | | | | | | | | | | 13,000 * 5 940* | 12,300 5 740 | 7,750 * 4 170* | 7,750 * 4 170* | 6,100* 2 760* | 6,100* 2 760* |
| +15' 0" (4.5 m) | lbs kg | | | | | | | | | 15,800* 7 290* | 15,800 * 7 290* | 14,400* 6 670* | 11,900 5 540 | 10,950* 5 400* | 8,800 4 120 | 6,150* 2 790* | 6,150* 2 790* |
| +10' 0" (3.0 m) | lbs kg | | | | | 29,600* 13 770* | 29,600 * 13 770* | 22,400* 10 350* | 21,900 10 160 | 18,450 * 8 510* | 15,550 7 220 | 15,800* 7 280* | 11,350 5 300 | 12,950* 6 220 | 8,550 3 990 | 6,400* 2 890* | 6,400* 2 890* |
| +5' 0" (1.5 m) | l bs kg | | | 29,700* 12 660* | 29,700* 12 660* | 36,450* 16 890* | 32,450 15 070 | 26,050* 12 050* | 20,850 9 670 | 20,600* 9 510* | 14,650 6 820 | 16,850 7 830 | 10,850 5 050 | 13,050 6 080 | 8,250 3 850 | 6,800* 3 080* | 6,800* 3 080* |
| Ground Line | l lbs kg | 11,800 * 5 310* | 11,800 * 5 310* | 25,500* 11 250* | 25,500* 11 250* | 40,050* 18 520* | 30,200 14 040 | 28,500* 13 180* | 19,600 9 100 | 21,900* 10 160 | 13,950 6 480 | 16,450 7 640 | 10,400 4 850 | 12,800 5 960 | 8,000 3 740 | 7,450 * 3 370* | 7,400 3 360 |
| -5' 0" (1.5 m) | lbs kg | 20,650* 9 270* | 20,650* 9 270* | 30,550* 13 570* | 30,550* 13 570* | 40,600* 18 750* | 29,200 13 590 | 29,400* 13 580* | 18,800 8 740 | 21,400 9 960 | 13,450 6 250 | 16,100 7 500 | 10,150 4 710 | 8,800* 5 250* | 7,950 3 700 | 8,450 * 3 830* | 7,900 3 590 |
| -10' 0" (3.0 m) | lbs kg | 27,900* 12 520* | 27,900* 12 520* | 38,700 * 17 170* | 38,700 * 17 170* | 39,700* 18 340* | 29,250 13 610 | 29,000* 13 400* | 18,700 8 700 | 21,300 9 910 | 13,350 6 210 | 16,150 7 500 | 10,150 4 720 | | | 10,150* 4 570* | 8,900 4 020 |
| -15' 0" (4.5 m) | l bs kg | 38,250* 17 030* | 38,250* 17 030* | 50,500* 22 600* | 50,500* 22 600* | 36,600* 16 970* | 29,800 13 840 | 27,050* 12 570* | 19,050 8 840 | 20,550* 9 600* | 13,700 6 350 | | | | | 13,150* 5 870* | 10,750 4 820 |
| -20' 0" (6.0 m) | lbs kg | | | 42,500 * 19 910* | 42,500 * 19 910* | 30,100 * 14 110* | 29,800 13 860 | 22,000 * 10 400* | 19,500 9 060 | | | | | | | 14,900* 6 820* | 14,500 6 430 |

Notes: Excavator lifting capacities

- 2. Lifting capacities are based on machine standing on firm, uniform supporting surface. User must make allowances for job conditions

 4. Least stable position is over the side. such as soft or uneven ground.
- 1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities.

 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.

 - 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."

TANDARD & OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

- 12V Power Outlet
- AM/FM Sound System
- Anti-Theft Device
- Auxiliary Switches on Control Lever
- Cab Filter External
- Cab Handrails
- Cab Interior Light
- Cab ISO-Mounts
- 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)
- RemoteCARE Support System (GPS)S
- Roof Sun Shade
- ROPS Certified Structure
- Safety Glass Windows
- SCM Air-Suspension Seat
- Seat Recline
- Selectable Monitor Languages
- Small Storage
- Travel Alarm with Cancel Switch
- Trip Meter (Digital) Wiper & Washer
- Wiper Switch on RH Joystick

ENGINE

- 50A Alternator
- Air Filter (Double Element)
- 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 Oil Sample Port
- Engine Protection Feature
- External Fuel Gauge
- External DEF Gauge
- Fan Housing
- Fuel Cooler
- Fuel Filter Restriction Indicator
- Fuel Management System
- Fuel Usage History
- Fuel Usage Monitor • Glow Plug Pre-Heat
- Idle-Start
- Intercooler
- Neutral Start
- One-Touch Idle
- Radiator / Oil Cooler / Intercooler Protective Screen
- Remote Engine Oil Drain
- Remote Oil Filter
- Selective Catalytic Reduction (SCR)
- DEF Gauge on Monitor
- VGT Turbocharger

HYDRAULICS

- Anti-Drift Valves
- 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.
- Control Pattern Changer (2 way)

• Electronically Controlled Hydraulic Pumps

- Fire Wall
- Free Swing
 Hydraulic Filter Restriction Indicator
- Hydraulic Oil Sample Port
- Long Life Hydraulic Oil (5,000 Hour)
- Neutral Pump De-Stroke
- Oil Cooler
- Power Boost
- Power Save
- Pressure Reading on MonitorPump Stand-By Pressure
- Single Pedal Travel

UNDERCARRIAGE

- 800 mm (31.5" in) 3-Bar Steel Grousers
- Carbody Belly Pan (Swivel Guarding)
- Center Track Guide (single)
- Lashing Points (Tie-Downs)
- Long Undercarriage
- Sealed Link Chain
- Steps
- Strutted Track Chain
- X-Pattern Carbody

UPPERSTRUCTURE

- Belly Pans
- Center Cover (Over Main CV)
- Fuel Tank Belly Pan
- ISO Guard Rails
- · Lifting Eyes for Counterweight
- Lockable Fuel Cap and Service Doors
- Lockable Tool Box
- Work Lights (Boom and Tool Box)

ATTACHMENT

- 21' 2" (6.45 m) Main Boom Section
- Auxiliary Pipe Brackets
- Boom Work Light
- Chrome Pins
- HD Bucket Linkage
- Remote Lube Bank • Teardrop Pin Retention Keepers

• 270° WAVES™ Camera System

OPTIONAL EQUIPMENT

- Cab Light (2 LED)
- Cab Sun Screen (rear)
- FOPS Head Guard (Level 2)
- Front Guard (Mesh)
- Front Guard (OPG 1,2)
- LED Light Kit for Side Camera (1)
- LED Lights for Rear Camera (2)
- Rain Deflector
- SCM Air-Suspension Seat with Tilt and Heater

ENGINE

- 90A Alternator
- Refuel Pump
- Tropical Package

HYDRAULICS

- Hose Burst Check Valve
- Proportional Hydraulic Controls

AUXILIARY HYDRAULIC OPTIONS

- Single-Acting Aux. w/Pedal Activation
- Single-Acting Aux. w/Proportional Joysticks
- Multi-Function Aux. w/Proportional Joysticks • Multi-Function Aux. w/in-cab pressure
- setting control
- Thumb Aux. w/Proportional Joysticks
 Secondary Aux. w/Proportional Joysticks
 Combination Aux. w/Proportional Joysticks • Combination Aux. w/in-cab pressure
- setting control
- Bucket Quick Coupler Hydraulics Line

UNDERCARRIAGE

- 600 mm (23.5" in) 3-Bar Steel Grousers
- 700 mm (27.5" in) 3-Bar Steel Grousers

• Center Track Guide (triple) UPPERSTRUCTURE

Rubber Bumper Guards

ATTACHMENT

• 8' 8" (2.63 m) Short Arm • 10' 8" (3.25 m) Arm • 13' 3" (4.04 m) Arm

Bucket Sizes

DITCH

2.20

| Bucket | SAE Heaped Capacity | | Width Outside Lip | | Bucket Weight | | Number of | Arm Length 8' 8" 10' 8" 13' 3" | | |
|--|--|--|----------------------------------|--|--|--|----------------------------|-----------------------------------|-----------------------|------------------|
| Туре | (yd³) | (m³) | (in) | (mm) | (lbs) | (kg) | Teeth | 2.63 m | 3.25 m | 4.04 m |
| STDP Standard duty plate | 1.26 1.59 1.92 2.25 2.59 2.93 | 0.96 1.22 1.47 1.72 1.98 2.24 | 30 36 42 48 54 60 | 762 914 1067 1219 1372 1524 | 2306 2516 2786 2956 3226 3396 | 1046 1141 1264 1341 1463 1540 | 4 4 5 5 6 6 | H H H M M | H H H M L | HHHML |
| HDP Heavy duty plate | 1.22 1.54 1.86 2.19 2.53 | 0.93 1.18 1.42 1.67 1.93 | 30 36 42 48 54 | 762 914 1067 1219 1372 | 2886 3131 3459 3704 4031 | 1309 1420 1569 1680 1828 | 4 4 5 5 6 | H H H M | H H H M | HHHML |
| XDP Extreme duty plate | 1.22 1.54 1.86 2.48 | 0.93 1.18 1.42 1.90 | 30 36 42 48 | 762 914 1067 1219 | 3327 3620 3994 4287 | 1509 1642 1812 1945 | 4 4 5 5 | H H H M | H H H M | H H M L |
| POWER HDP for use with ESCO multi-pin grabber only | 1.08 1.35 1.62 1.90 2.18 | 0.83 1.03 1.24 1.45 1.67 | 30 36 42 48 54 | 762 914 1067 1219 1372 | 3461 3688 3860 4030 4257 | 1570 1673 1751 1828 1931 | 4 4 5 5 6 | H H H H | H H H M | H H M L |

2971

| 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 Extreme duty plate XDPHDP for use with **ESCO** multi-pin grabber only POWER...

M

72

1829

1.68

1348