



The X4 Series features innovative EPA Final Tier 4 engines from Isuzu that strike the ultimate balance between power, productivity and fuel efficiency. You'll experience up to 10% improved fuel economy, with the added benefit of no 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 Tier 4 Final
- No DPF system to maintain
- Up to 10% improved fuel economy
- 4-to-1 Diesel to Diesel Exhaust Fluid (DEF) ratio
- Two-stage DEF anti-freeze system for protection in harsh operating conditions
- Optimized SCR Auto Regeneration intervals
- VGT Turbocharger



X4 SERIES ULTIMATE PRODUCTIVITY AND EFFICIENCY





Greater digging power, increased lift capacities and faster cycle times start with our exclusive **UltiFlow Control Valve**, featuring a 30% larger hydraulic passage area, larger spools and advanced controls to maximize hydraulic system control and responsiveness.

Our intuitive **Spool Stroke Control (SSC)** system monitors machine operations and responds with the right hydraulic flow for that application. 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 the optimal hydraulic pressures and minimize unneeded operational functions. The sensor system continually monitors machine functions, and SSC is available in all work modes.

Two electrically-controlled Kawasaki variabledisplacement axial-piston pumps and one Kawasaki gear pump assure that hydraulic power is delivered precisely when and where it's needed.

The result is more maneuverability and precision across all operating modes, smoother machine operation and improved fuel efficiency...with up to 8% faster cycle times.

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The X4 Series offers the most advanced and roomiest cab in its class. Comfortable, automotive-grade high-back seat with head restraint provides superior lumbar back support. With a longer and wider seating surface, it reclines to a 65° maximum reclining angle to create a relaxed environment during breaks. Mechanical suspension is standard, with air suspension, seat tilting adjustment and seat heaters available as options.

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

- Quiet, pressurized cab
- Joysticks with easy to hold grip and switches
 - ♦ Smooth performance with less resistance
 - ♦ Handy "radio mute" 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
- Optional retractable rear window shade
- Optional front window shade





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

Here are some of the other functions the monitor displays:

- Engine coolant and hydraulic oil temperatures
- Displays fuel level, travel mode, work mode, attachment mode
- Shows fuel consumption history, per day or per hour
- Track up to 13 service interval reminders
- System/Machine warning messages
- Monitor SCR Auto Regeneration
- Select and set up attachments
- View machine information and working history
- Adjust hydraulic flow
- Easier-to-set auxiliary hydraulic pressure
- Auto-adjusts for time and calendar
- Anti-theft password option
- 18 languages available

X4 Series Ultimate Comfort and Safety

A Safe and Secure Environment for Operators

Safety was a primary design consideration for the X4 Series, both from an operational and service standpoint.

- Full time rear camera display
- Optional right-hand and left-hand side cameras
- ROPS and FOPS Level 1 certified, optional FOPS Level 2 head guard available
- Optional LED lighting available
 - ♦ Choose cab-top mount or around-machine packages
 - ♦ Exceptional visibility
 - ♦ Improved safety for checking around the machine
 - ♦ Offers brightness levels close to 'sunlight'
 - ♦ 3X brighter than halogens, consume less energy
- ISO-compliant guard rails and hand rails along upper structures
- Engine covers open towards counterweight, automatic stopper system and gas damper for safety





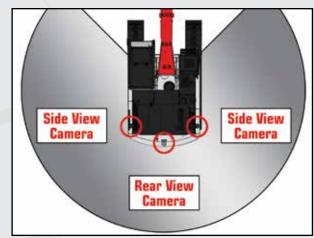




ISO-compliant guard rails and hand rails, engine cover opens towards counterweight



For the ultimate in safety and visibility, X4 machines can be fitted with the Wide Angle View 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.





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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.

- Dual removable screens cover all coolers and are easy to remove and clean from ground level...no tools needed!
- A/C Condenser tilts for easy cleaning and maintenance
- Improved battery disconnect switch with no keys needed
- Easy battery compartment access; 2 hand-turn knobs
- Convenient ground-level sample ports in pump compartment
 - ♦ Engine oil
 - ♦ Hydraulic oil
- Green drain plug and hose
- More data collection points for comprehensive maintenance
- Automatic door closer mechanism on side doors
- Quick and easy access to grease all attachment pivot points
- New undercarriage side frame design enables easier cleaning





RemoteCARE

X4 SERIES ULTIMATE SERVICEABILITY AND SECURITY

24/7 Remote Monitoring and Security for your Machine

Link-Belt RemoteCARE® is a user friendly management tool that combines Telematics with GPS technology. RemoteCARE provides timely and reliable machine utilization and operational information, as well as assists in theft prevention by offering 24 hour surveillance and geofencing capabilities.

RemoteCARE 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 email alert is automatically sent to you.

With RemoteCARE you will always know the hours, location, performance, diagnostics and security status of your machines.

RemoteCARE Monitors...

- 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

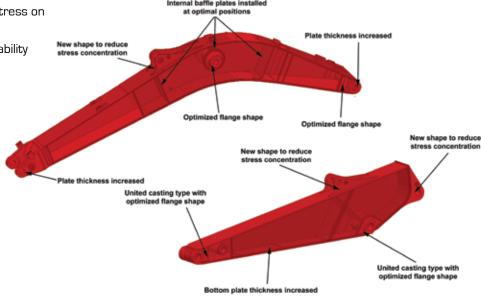


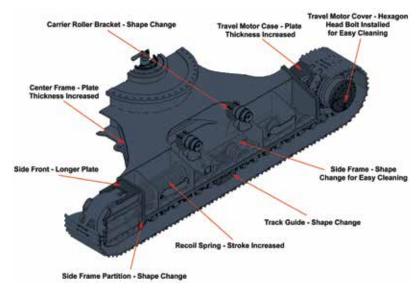
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X4 machines are rugged and durable, with structural improvements to the boom & arm structures, along with improvements to lower frame and travel components.

Boom & Arm

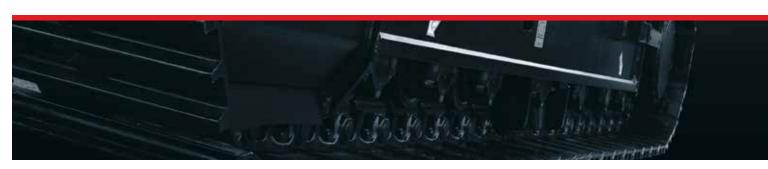
- Improved boss shapes reduce stress on boom & arm pin
- Cast boom tip for increased reliability
- Stronger cylinder mounts





Lowers

- Thicker travel motor case up to 32% increase
- Thicker plating between side frame and travel motor case up to 12% increase
- Larger track rollers up to 7% increase
- Front Idler Hub: Longer hub
- Track Roller: Diameter of tread increased
- Travel Motor Case: Plate thickness increased
- Travel Motor Cover: Hexagon head bolt installed for easy cleaning
- Track Guide: Shape change
- Side Frame Partition: Shape change
- Side Frame: Shape change for easy cleaning



にり 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, 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	
Displacement	475 cu in (7.8 L)
Maximum Torque	729 lbf-ft (988 Nm) @ 1,500 rpm
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" LED Hi-Definition color monitor with full time rear view camera display, fuel efficiency gauge, low-effort joysticks are pre-wired for auxiliary hydraulics, dual cab lights, control pattern changer, safety glass windows, sunroof with sunshade, shockless cab suspension with four fluid cab mounts, SCM High-Back reclining suspension seat, sliding 4-position tilting control consoles, 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 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.

A/C Rating	20,080 BTU/h
Heater Rating	
Sound Level - Cab Interior	70.0 dB(A)
Sound Level - Exterior	100.0 dB(A)

| Hydraulic System

Open-center system, two variable-displacement electronically controlled axial-piston pumps and one gear pump for pilot controls, main control valve with one 4-spool section and one 5-spool section with auxiliary spool: stackable, Auxiliary Control System, oil cooler, Auto-Power boost, boom and arm holding valves, 6 micron return filter, firewall, hydraulic oil sample port.

Hydraulic Pumps

Pilot Pump Maximum Flow	7.5 gpm (28.5 L/min)
Relief Valve Settings	
Boom/Arm/Bucket	
in Power Boost	5,410 psi (37.3 MPa)
Swing Circuit	4,410 psi (30.4 MPa)
Travel Circuit	4,970 psi (34.3 MPa)

Hydraulic Cylinders

	number of cylinders - bore x rod x stroke
Boom	2 - 5.7" x 3.9" x 58.9"
	(145 mm x 100 mm x 1,495 mm)
Arm	1 - 6.7" x 4.7" x 68.8"
	(170 mm x 120 mm x 1,748 mm)
Bucket	5.9" x 4.1" x 47.6"
	(150 mm x 105 mm x 1,210 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	9.7 rpm
Tail Swing	11' 8" (3.55 m)
Swing Torque	

COOD 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.

Carrier Rollers	2 per Side
	8 per Side
	8.5" (216 mm)
	48 per Side
Shoe Width	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)
•	58,200 lbf (259 kN)
	70% (35°)

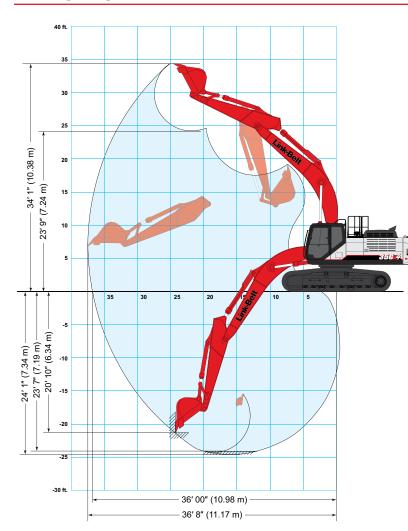
Attachment

Boom	21' 2" (6.45 m)
Available Arms	Digging Force
• 10' 8" (3.25 m)	36,980 lbf (165 kN)
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

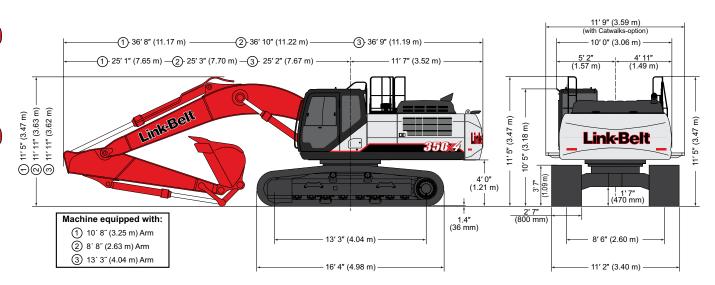
Fuel Tank	153 Gallons (580.0 Liters)
Hydraulic System	
Hydraulic Tank	
Final Drive (per side)	
Swing Drive	
Engine Oil	
DEF Tank	
Coolant System	

Operating Weight



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)	23' 7"	21' 6"	26' 3"		
level bottom	(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)		

Travel Dimensions



Lifting Capacities

X4 Series Lift Capacities

			10' 8" (3	3.25 m) A	rm with 2	21' 2" (6.4	5 m) Boo		of Load		Bucket	with Pow	er-Boos	t Applied			
4 0	—	5' 0" (_	(3.0 m)		(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*

		0' 0" (2	C2\ A	ma suritin O	410" (6.4	Em\ Bos		of Load		Duelset	vith Dave	Danet	Annlind			
- €®	<u> </u>		1.5 m)		(3.0 m)	, 	5 m) Boom and 2,750 lb. (1 240 kg) 15' 0" (4.5 m) 20' 0" (6.0 m)				(7.5 m)		30' 0" (9.0 m)		Cap at Max. 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																
		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 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)	l bs 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)	lbs 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 9 1 0	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)	lbs 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

- 1. Lifting capacities shown should not be exceeded. Weight of all lifting 3. Lifting capacities shown do not exceed 75% of minimum tipping 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 4. Least stable position is over the side. such as soft or uneven ground.
- 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."



Standard and Optional Equipment

CAB	
12V Power Outlet	-
270° Rear-View Camera Display on Monito	ō
AM/FM Sound System	
Anti-Theft Device	
Auxiliary Switches on Control Lever	5
Cab Filter - External	5
Cab Handrails	
Cab Interior Light	5
Cab ISO-Mounts	5
Cab Light (2 LED)	
Cob Light (2)	0
Cab Light (2) Cab Sun Screen (rear)	
Clear Roof Window	0
Climate Control A/C and Heater	
Cup Holder	
Defroster	
Digital Clock	
Emanganey Evit and Hammon	
Emergency Exit and Hammer Face Vent	
Floor Mat	٠٥
FOPS Head Guard (Level 2)	
FOPS Level 1 Certified	0
Epopt Guard (Mach)	
Front Guard (Mesh) Front Guard (OPG 1,2)	O
Front Window One-Touch Lock	O
Gate Lock Hydraulic Activation	٥
Horn	
Hour Meter (Digital)	
LED Color Monitor	S
LED Light Kit for Side Camera (1)	
LED Lights for Rear Camera (2)	O
Magazine Storage Rack	S
Magazine Storage Rack	S
MP3 Auxiliary Input Jack	S
On-Board Diagnostic System	S
One-Piece Right Window	S
On-Board Diagnostic System One-Piece Right Window Radio Mute Switch	S
Rain Deflector	0
Rear View Camera	
ISO Mirrors (3)	S
ISO Mirrors (3) RemoteCARE Support System (GPS)	S
Roof Sun Shade	S
ROPS Certified Structure	
Safety Glass Windows	
SCM Air-Suspension Seat with Tilt & Heate	r O
SCM Áir-Suspension Seat with Tilt & Heate SCM Suspension Seat	S
Seat Recline	S
Selectable Monitor Languages	S
Small Storage	S
Small Storage Travel Alarm with Cancel Switch	S
TILL A A COLUMN	_

Wiper & WasherWiper Switch on RH Joystick	
ENGINE	
50A Alternator90A Alternator	
Air Filter (Double Element)	8
Air Pre-Cleaner (Cyclone type)	0
Auto-Idle	
Auto-Idle Engine Shutdown	
Battery Disconnect Switch	1) 5
Cooling Fan Diesel Oxidation Catalyst (DOC)	
Drain for Fuel Tank Dual Remote Fuel Filters with	
Water Separators	
EGR Coolers	
Engine Idle System Engine Oil Sample Port	
Engine Protection Feature External Fuel Gauge	8
External DEF GaugeFan Housing	8
Fuel Cooler	5
Fuel Filter Restriction Indicator Fuel Management System	
Fuel Shut-Off ValveFuel Usage History	
Fuel Usage Monitor	
ldle-Start	
Intercooler Neutral Start	
One-Touch IdlePassive Emissions Regeneration	
Radiator / Oil Cooler / Intercooler Protective Screen	
Refuel Pump	0
Remote Engine Oil Drain Remote Oil Filter	8
Reversible Cooling FanSelective Catalytic Reduction (SCR)) و
Tropical Package DEF Gauge on Monitor	L
VGT Turbocharger	

S	HYDRAULICS	
S	Arm Regeneration	.S
S	Attachment Cushion Valve	.S
0	Auto Swing Priority	.S
S	Auxiliary Flow Control	.S
S	Auxiliary Tool Settings (Memory)	
0	Auxiliary Valve	S
U	Boom Regeneration	S
S	Boom Speed Assistance (2 Pump Flow)	
S	Bucket Curl Assistance (2 Turnp How)	
S	Control Levers Pre-Wired for Auxiliary Hyd	ں. ص
S	Control Dettern Changes (O. wow)	. 0
tion)S	Control Pattern Changer (2 way)	.5
S	Electronically Controlled Hydraulic Pumps	
S	Fire Wall	
S	Free Swing	
	Holding Valve (Arm & Boom)	
S	Hose Burst Check Valve	
S	Hydraulic Filter Restriction Indicator	
S	Hydraulic Oil Sample Port	.S
S	Long Life Hydraulic Oil (5,000 Hour)	.S
S	Neutral Pump De-Stroke	.S
S	Oil Cooler	.S
S	Power Boost	
S	Power Save	
S	Pressure Reading on Monitor	
S	Proportional Hydraulic Controls	'n
	Pump Stand-By Pressure	S
S	Single Pedal Travel	S
S	Straight Travel Circuit	
S		.0
S	AUXILIARY HYDRAULIC OPTIONS	
S	Single-Acting Aux. w/ Pedal Activation	\cap
S	Single-Acting Aux. w/ Proportional Joysticks	
S	Multi-Function Aux. w/ Proportional Joysticks	
S	Multi Function Aux vy / in ach properties	·U
S	Multi-Function Aux. w/ in-cab pressure	$\overline{}$
S	setting control	
S	Thumb Aux. w/ Proportional Joysticks	
	Secondary Aux. w/ Proportional Joysticks	
S	Combination Aux. w/ Proportional Joysticks	U.
	Combination Aux. w/ in-cab pressure	_
S	setting control	
S	Bucket Quick Coupler Hydraulics Line	0.
0	UNDERCARRIAGE	
S		
0	600 mm (23.5" in) 3-Bar Steel Grousers	
U	700 mm (27 5" in) 3-Bar Steel Grousers	\cap

Single Pedal Travel Straight Travel Circuit AUXILIARY HYDRAULIC OPTIONS	
Thumb Aux. w/ Proportional Joysticks Secondary Aux. w/ Proportional Joysticks Combination Aux. w/ Proportional Joysticks Combination Aux. w/ in-cab pressure	0.
600 mm (23.5" in) 3-Bar Steel Grousers 700 mm (27.5" in) 3-Bar Steel Grousers 800 mm (31.5" in) 3-Bar Steel Grousers Carbody Belly Pan (Swivel Guarding) Center Track Guide (single) Center Track Guide (triple) Lashing Points (Tie-Downs)	.0 .S .S .S

Quick Couplers.

Thumbs.

PARTS KIT

Remote Lube Bank..

Rearview Mirrors.... Work Light for Boom...

Teardrop Pin Retention Keepers...

Long Undercarriage	S S S
Belly Pans	S S S S S
8' 8" (2.63 m) Short Arm 10' 8" (3.25 m) Arm 13' 3" (4.04 m) Arm 21' 2" (6.45 m) Main Boom Section Auxiliary Pipe Brackets. Boom Work Light Bucket Anti-Clatter Device. Chrome Pins Easy Maintenance System (EMS) HD Bucket Linkage	0 S S S
	Sealed Link Chain Steps Strutted Track Chain XPattern Carbody. UPPERSTRUCTURE Belly Pans Center Cover (Over Main CV)

Bucket Anti-Clatter Device. Engine Manual. Engine Oil Filter. Filter Wrench.. ..O Fuel Filters. Grease Gun... Green Plug Drain Hose for Engine Oil Drain...S Hydraulic Return Filter... Ignition Keys..... Pilot Circuit Hydraulic Filter ...

Equipment Key Standard - S Optional - O

Bucket Sizes

Trip Meter (Digital).

Bucket	SA Heaped (Width Outside Lip		Bucket Weight		Number of	Arm Length 8' 8" 10' 8" 13' 3"		
Type	(yd³)	(m³)	(in)	(mm)	(lbs)	(kg)	Teeth	2.63 m	3.25 m	4.04 m
	1.26	0.96	30	762	2306	1046	4	H	H	H
STDP	1.59 1.92	1.22 1.47	36 42	914 1067	2516	1141	4 5	H H	H H	H H
Standard			42 48		2786	1264		H		
duty plate	2.25 2.59	1.72 1.98		1219 1372	2956 3226	1341 1463	5	Н М	H M	М
	2.59	2.24	54 60	1572	3396	1540	6 6	M	IVI I	
	1.22	0.93	30	762	2886	1309	4	H	- 	H
HDP	1.54	1.18	36	914	3131	1420	4	H	Ĥ	Ĥ
Heavy	1.86	1.42	42	1067	3459	1569	5	H	H	H
duty plate	2.19	1.67	48	1219	3704	1680	5	H	H	M
duty plate	2.53	1.93	54	1372	4031	1828	6	М	М	Ľ
VDD	1.22	0.93	30	762	3327	1509	4	Н	Н	Н
XDP Extreme	1.54	1.18	36	914	3620	1642	4	Н	Н	Н
	1.86	1.42	42	1067	3994	1812	5	Н	Н	M
duty plate	2.48	1.90	48	1219	4287	1945	5	M	M	L
POWER	1.08	0.83	30	762	3461	1570	4	Н	Н	I
HDP for use	1.35	1.03	36	914	3688	1673	4	Н	Н	Н
with ESCO	1.62	1.24	42	1067	3860	1751	5	Н	Н	Н
multi-pin	1.90	1.45	48	1219	4030	1828	5	Н	Н	M
grabber only	2.18	1.67	54	1372	4257	1931	6	Н	M	L
	2.20	1.68	72	1829	2971	1348	0	Н	H	M

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					