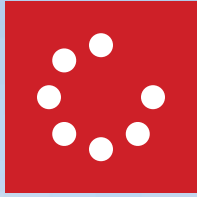


Link-Belt
EXCAVATORS

145 X4S

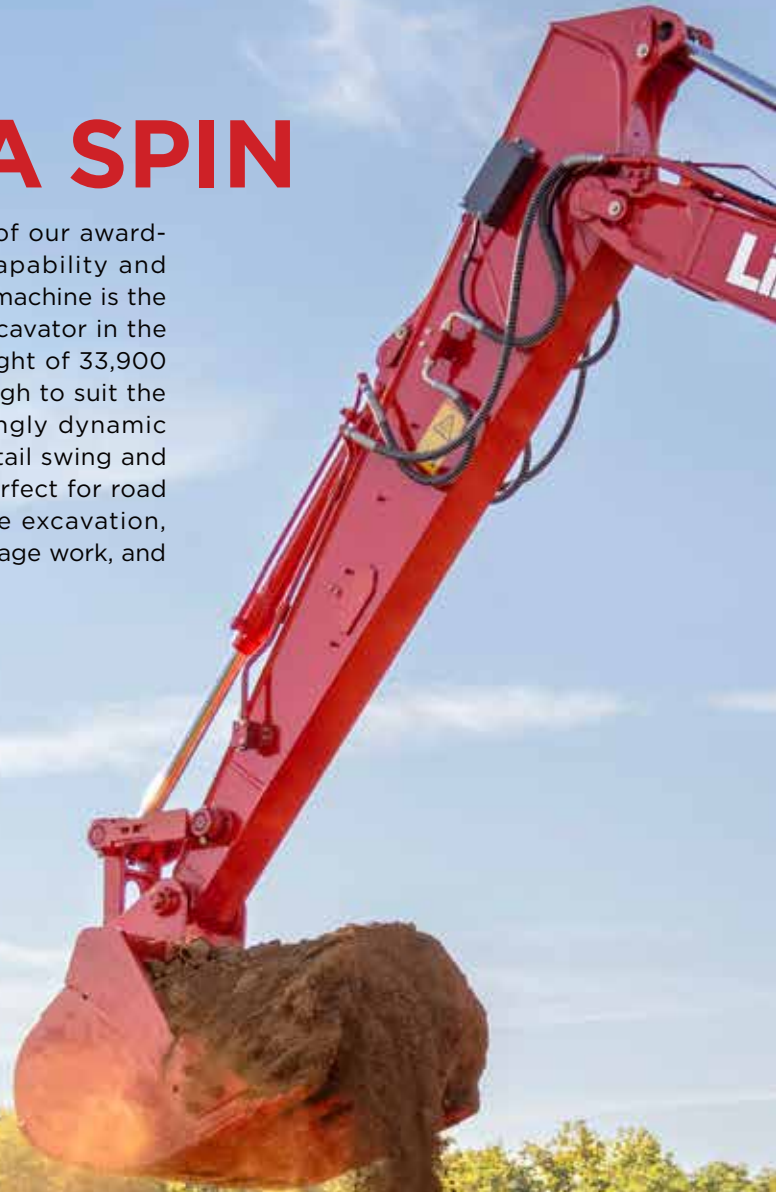
BROCHURE





GIVE IT A SPIN

Built upon the solid foundation of our award-winning X4 Series with more capability and intriguing new features, this X4S machine is the largest minimum swing radius excavator in the Link-Belt product line with a weight of 33,900 lbs. The 145 X4S is versatile enough to suit the expanding demands of increasingly dynamic contractors thanks to a reduced tail swing and lots of control and power. It is perfect for road building and maintenance, home excavation, site preparation, construction, sewage work, and demolition operations.





Link-Belt

X4S

145

Link-Belt

145



NEXT LEVEL STRENGTH



PERFORMANCE BOOST

We understand your work is essential, and we want to help you get it done right, the first time. We engineer reliability and functionality into every piece of equipment, offering advanced lifting capacity, pressure relief with constant boost function, preset flow rate, and pressure for up to 10 attachments. With optimized pump control and engine speed, you've got unparalleled digging force and working range.

TOUGH ON DIRT, EASY ON FUEL

Link-Belt Excavators have a long history of saving you money without limiting power or productivity. That's why we run an efficient Isuzu Final Tier 4 Certified engine that delivers 102 horsepower, so you can go the distance and save on fuel. The 145 X4S features superior cycle times, lower fuel consumption, and fuel monitoring at your fingertips.



ROBUST POWER

Our exclusive flow control system starts with more digging power, increased lift capacities and rapid cycle times. Kawasaki electronically controlled pumps guarantee hydraulic flow is delivered precisely when and where it's needed. The result is more maneuverability and precision, smoother machine operation and improved fuel efficiency across all operating modes.

OPERATOR WORK MODE

Stay in control of fuel economy, productivity, and power depending on the task at hand.

Lifting - Lower engine speed for fine control

Eco - Lower fuel consumption

Power - Normal power mode

Speed Priority - For increased productivity





IN FULL SWING

When you need to get in and out of a tight spot quickly and effortlessly, rely on the 145 X4S with its minimum swing radius. A smaller swing means safer operability and extra visibility in confined work areas, such as utilities, highway construction, development, and landscaping.

ROOM TO MOVE

- 39% reduced tail swing compared to the 170 X4S
- 46% reduced tail swing compared to the 220 X4S

WELL TRAVELED

The 145 X4S is nimble and powerful, yet compact enough to be transported with relative ease. From the comforts of your cab, prioritize flow for swinging and loading, with up to 12.5 rpm.





**CLEVER
CUSTOMIZATION**



CUSTOM FLOW

The 145 X4S offers exceptional convenience and operability, integrating throttle volume and frequently used modes into a single panel. Our tailored machine function switches ensure seamless operation for digging and loading tasks. This machine provides customizable operability with four distinct work modes—lifting, eco, power, and speed priority—allowing you to prioritize flow and machine functionality from the comfort of your seat, no matter the job.

CUSTOM ATTACHMENT SETTINGS

Store and name up to 10 distinct attachment settings, customizing the flow rate and pressure you need to get the job done. With tailored attachment operations, lost time and overworking are a thing of the past.



OFFICE WITH A VIEW

The 145 X4S features one of the most spacious, technologically equipped cabs in its class. Joystick functionality and 4 power modes provide quick customization for the work at hand. Controls are always close with the armrests and joysticks conveniently built into the seat height adjustment.





COMFORTS OF HOME

To reduce fatigue during long jobs, the 145 X4S features an ergonomic footrest, air suspension, heat, tilt functions, a two-step incline, and optimized foot pedal height. Four styles of superior lumbar back support ensure maximum comfort, while adjustable armrests and a recline feature up to 155 degrees provide added relaxation during breaks.

RELY ON RED

Advances in design deliver the best in comfort and safety during operation. The 145 X4S is manufactured with built-in safety features, the WAVES system, vertical wide monitor for better visibility, auto operation lever lock function and short tail with reduced swing.

- **MONITOR AND MOVE**

The 145 X4S comes equipped with a 10" HD LCD color monitor, allowing for customizable functions and increased visibility as the WAVES system provides a seamless 230° view around your machine. Check detailed fuel information and enable shortcuts for frequently used items, such as machine information, idle mode, auxiliary hydraulics, flow balance and more.

- **SAFETY**

The auto lever lock safety function prevents accidents due to unexpected operation of joystick, proportional switch, travel lever and pedal. Additional safety features include firewall, ISO-compliant guardrails, seat belt alarm, LED work lights, neutral safety start, and gate lock safety shutoff.



OPTIMIZED FUEL DELIVERY

Experience extreme force and unmatched efficiency with the Isuzu AR-4JJ1X. This Tier 4 Certified workhorse delivers robust horsepower and torque, tackling the toughest jobs effortlessly. But don't let the brute strength fool you - it's engineered for fuel efficiency with a low-maintenance after-treatment system, maximizing your bottom line and reducing downtime.





REMOTECARE



The 145 X4S comes standard with a new dual-band modem to improve communication and functionality with greater range and real-time data capabilities.

With 24-hour RemoteCARE®, you will always know your equipment's hours, location, performance, diagnostics, and security status. Proactively monitor, plan, and address preventative maintenance items, receive machine health notifications via email, and review average fuel consumption rates for your machine right from your smartphone. Advanced security features like geofencing, curfew settings, and theft tracking are standard with RemoteCARE®.

MINIMIZE DOWNTIME

From minor troubles caused by incorrect machine settings to advanced problem-solving, we expand the range of remote support, shorten the lead time for troubleshooting, and reduce costs by minimizing the need for on-site personnel.

NO SUBSCRIPTION FEES

RemoteCARE® is available with no subscription fees to the original owner and is transferable.



Scan QR code to download RemoteCARE app for mobile.



ADVANCED TECHNOLOGY

Elevate your 145 X4S with advanced technology options for enhanced productivity, site awareness, and monitoring.



HEIGHT AND DEPTH ALARM

Set your limits: get an audible warning and on-screen notifications when entering hazardous areas.



DIGITAL LEVEL

Real-time display of attachment height, roll, and pitch helps operators load smoothly and cut accurate slopes. Clear visuals reduce guesswork and improve accuracy.



PAYLOAD

Know the amount of earth you are moving with the Payload feature. See the bucket volume in real-time, prevent overloading trucks, and view loading history. With the Payload feature, store up to six unique truck capacities and ten bucket dimensions.





CUSTOMER SUPPORT JUST A CALL AWAY

Owning a Link-Belt excavator is just the beginning. A network of dedicated Link-Belt Excavator dealers stretches across the U.S. and Canada, all ready to provide you with the exceptional service you deserve. You can expect fast, dependable service whenever needed, backed by 24/7 access to parts.

No matter your location or project requirements, there's a Link-Belt dealer nearby to keep your machine running smoothly. Their expertise extends beyond just sales; they can also provide comprehensive maintenance plans, operator training, and financing options to fit your needs.





SUPPORT YOU CAN TRUST

With the purchase of a 145 X4S, you'll get expert service and support with real people. Our Customer Support staff are knowledgeable and happy to assist you with parts, service, and warranty questions.



LINK-BELT PARTS

Your Link-Belt Excavators dealer has a wide range of genuine Link-Belt parts in stock. For anything not on the shelf, our dealers have access to the Link-Belt parts depot - available for lookup online.

GROUND-LEVEL MAINTENANCE

All fuel, pilot and oil filters are in one convenient location, including a maintenance-free fuel final filter and ground level hydraulic oil sampling valve, making upkeep a cinch.





HASSLE-FREE CARE

Access the radiator compartment and sample or refill hydraulic oil without the need for any tools and relieve pressure from the hydraulic tank via a handy breather cap. Whenever the cab door is opened, machine hours are displayed for 30 seconds, providing useful information when and where you need it most.



WARRANTY

Our products are distinguished by a comprehensive warranty program and strict quality control. The quality and durability of the X4S are backed by a 5-year/5,000-hour full machine warranty. Additionally, our warranties are transferable, adding resale value to your equipment. Ask your local dealer about coverage options today.





PRECISION GRADE

Upgrade your 145 X4S with Precision Grade for faster, more accurate work. IMU sensors on the machine's arm, bucket, and frame provide a real-time view of the bucket's position relative to the target grade on their in-cab display.



GETS JOBS DONE FASTER

Boost digging and grading accuracy with fewer passes using this optional feature. Save time and money by moving materials right the first time, reducing time and costs associated with grade staking and checking.

GRADE CONTROL BENEFITS

Improve job site awareness by keeping people off the ground and out of trenches.



145 X4S SPECIFICATIONS

SAE Net Horsepower
102 hp (76.4 kW)

Operating Weight
33,900 lbs (15,400 kg)

Swing Torque
27,400 lbf-ft (37.0 kNm)



ENGINE

Isuzu AR-4JJ1X Final Tier 4 turbocharged diesel engine with electronic control (ECM) and high pressure common-rail fuel injection, 4-cylinder, water-cooled, Cooled Exhaust Gas Recirculation (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.

Engine	ISUZU AR-4JJ1X Final Tier 4 turbocharged diesel engine
SAE J 1349 net horsepower	102 HP (76.4 kW) @ 2000 min-1 (rpm)
Displacement	183 cu in (2.99 L)
Maximum Torque	257 lbf-ft (349 N-m) @ 1800 min-1 (rpm)
Starter	24 V - 4.0 kW
Alternator	90 amp
Voltage	24 V

CAB AND CONTROLS

ROPS and FOPS Level 1 certified with automatic climate control A/C and heat with defroster, 10" LCD Hi-Definition color monitor with customizable shortcut switches featuring a full time rear view camera display and left and right view camera, fuel efficiency gauge, custom flow control, joysticks are pre-wired for auxiliary hydraulics, knob switch customization, dual LED cab lights with programmable delay turn off, safety glass windows, sunroof with sunshade, shockless cab suspension with four fluid cab mounts, SCM High-Back reclining air-suspension seat with heat & tilt, sliding 4-position tilting control consoles, Bluetooth technology, AM/FM sound system with USB and MP3 auxiliary input jack, digital clock, dome light, seat belt, coat hook, 2 cup holders, storage compartments, floor mat, footrests, smart phone tray, 24V socket, 12V outlet, travel alarm, handrails, mirrors, side-entry cab filter, spare parts kit.

Four selectable work modes (SP, Power, Eco, & Lift), 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, neutral safety start, gate-lock safety shutoff, top guard OPG level 1 in cab structure.

145 X4S SPECIFICATIONS

HYDRAULIC SYSTEM

Open-center system, (2) electronically controlled variable displacement axial piston pumps, (1) gear pump for pilot controls. Main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool. Internal anti-drift valves for boom and arm, oil cooler, high performance 6-micron full flow return filter, 8-micron pilot filter, firewall and hydraulic free swing.

Hydraulic Pumps

Pump Output	2 x 34.1 gpm (129 L/min)
Pilot Pump Maximum Flow	5.3 gpm (20 L/min)

Relief Valve Settings

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

Hydraulic Cylinders

Number of Cylinders - Bore x Stroke

Boom	2 - 4.1" x 44.1" (105 mm x 1120 mm)
Arm	4.5" x 43.6" (115 mm x 1108 mm)
Bucket	3.7" x 34.7" (95 mm x 881 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	12.5 rpm
Tail Swing	5' 0" (1.53 m)
Swing Torque	27,400 lbf-ft (37.0 kNm)

TRAVEL SYSTEM

Two-speed independent hydraulic 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	26,100 lbf (116 kN)
Gradeability	70% (35°)

145 X4S SPECIFICATIONS

UNDERCARRIAGE

12'4" (3.76 m) undercarriage by 6'6" (1.99 m) track gauge, sealed and strutted track chain with double track guide, sealed rollers and idlers, disc type brakes, adjustable track tension, swivel guard.

Long Undercarriage	
Carrier Rollers	2 per Side
Track Rollers	7 per Side
Track Link Pitch	6.8" (171.5 mm)
Shoes	46 per Side
Shoe Width	23.6" (600 mm)
Ground Pressure	5.4 psi (0.037 MPa)
Dozer Blade	
Carrier Rollers	1 per Side
Track Rollers	7 per Side
Track Link Pitch	6.8" (171.5 mm)
Shoes	43 per Side
Shoe Width	23.6" (600 mm)
Ground Pressure	5.9 psi (0.041 MPa)

ATTACHMENT

HD Boom	15' 2" (4.63 m)
Available Arms	
8' 2" (2.50 m)	13,900 lbf (62.0 kN)
with Auto Power Boost	14,800 lbf (66.0 kN)
9' 11" (3.01 m)	12,600 lbf (56.0 kN)
with Auto Power Boost	13,500 lbf (60.0 kN)
Digging Force	
Bucket Digging Force	20,200 lbf (90.0 kN)
with Auto Power Boost	21,400 lbf (95.0 kN)

LUBRICANT AND COOLANT CAPACITY

Fuel Tank	53 Gallons (200 Liters)
Hydraulic System	42 Gallons (158 Liters)
Hydraulic Tank	20 Gallons (75 Liters)
Final Drive (per side)	0.6 Gallons (2.1 Liters)
Swing Drive	0.6 Gallons (2.2 Liters)
Engine Oil	4.5 Gallons (17.0 Liters)
DEF Tank	11.4 Gallons (43 Liters)
Coolant System	4.4 Gallons (16.5 Liters)

145 X4S SPECIFICATIONS

OPERATING WEIGHT

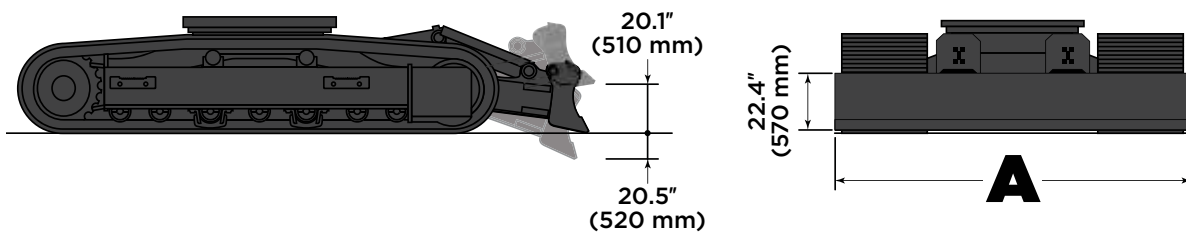
Working weight with 23.6" (600 mm) shoes, 15' 2" (4.63 m) HD boom, 8' 2" (2.50 m) arm, 1,067 lbs (484 kg) bucket, 7,500 lbs (3,400 kg) standard counterweight

32,600 lbs (14,800 kg)

Working weight with 23.6" (600 mm) shoes, 15' 2" (4.63 m) HD boom, 8' 2" (2.50 m) arm, 1,067 lbs (484 kg) bucket, 7,500 lbs (3,400 kg) standard counterweight, 8' 6" (2.59 m) dozer blade (681 kg)

33,900 lbs (15,400 kg)

DOZER BLADE DIMENSIONS

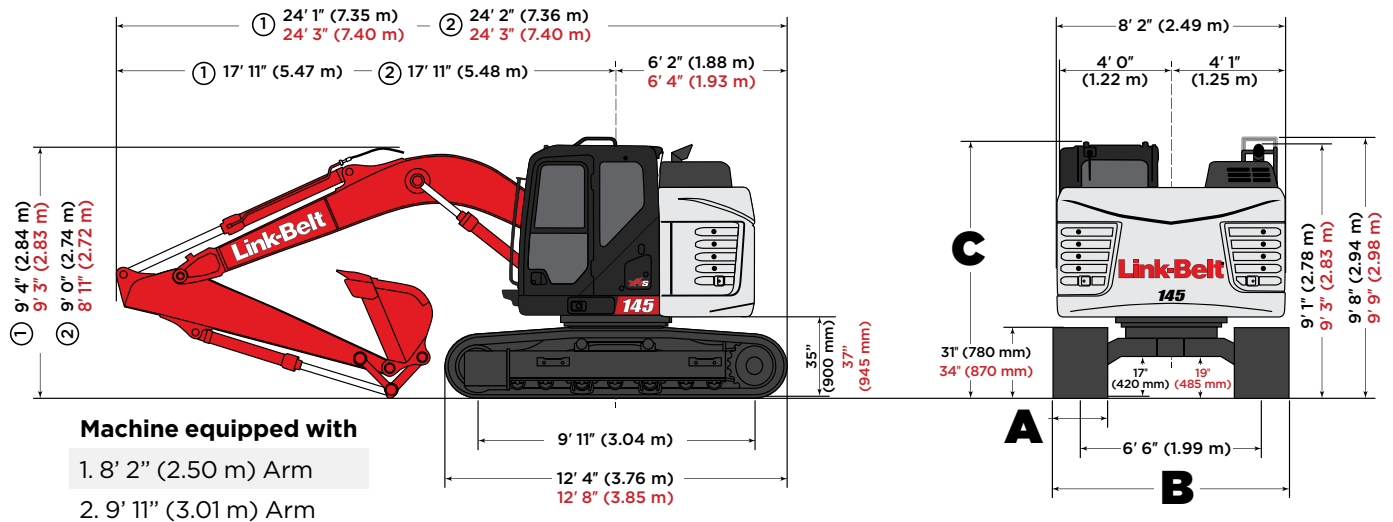


A. Dozer Blade	8' 6" (2.59m)	8' 6" (2.59m)	8' 10" (2.69m)	8' 6" (2.59m) With Bolt-On-Cutting Edge Option
3-Bar Grouser (171.45 mm pitch)	23.6" (600 mm)	19.7" (500 mm)	27.6" (700 mm)	23.6" (600 mm), 19.7" (500 mm) 27.6" (700 mm)



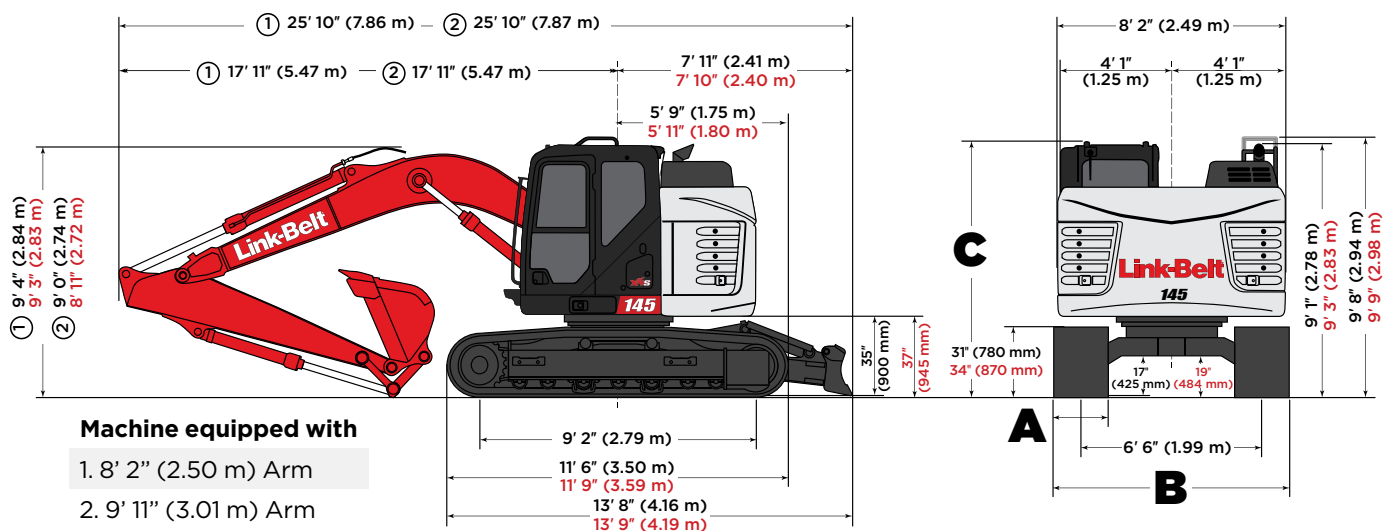
145 X4S SPECIFICATIONS

LONG UNDERCARRIAGE TRAVEL DIMENSIONS



Undercarriage	Grouser Shoe	Rubber Track	Grouser Shoe	Cab Specification	C: Cab Height
A. Shoe Width	23.6" (600 mm)	19.7" (500 mm)	27.6" (700 mm)	STD. (No Equipment)	9' 3" (2.82 m) 9' 5" (2.87 m)
B. Overall Width	8' 6" (2.59 m)	8' 2" (2.49 m)	8' 10" (2.69 m)	With Head Guard	9' 7" (2.92 m) 9' 9" (2.97 m)

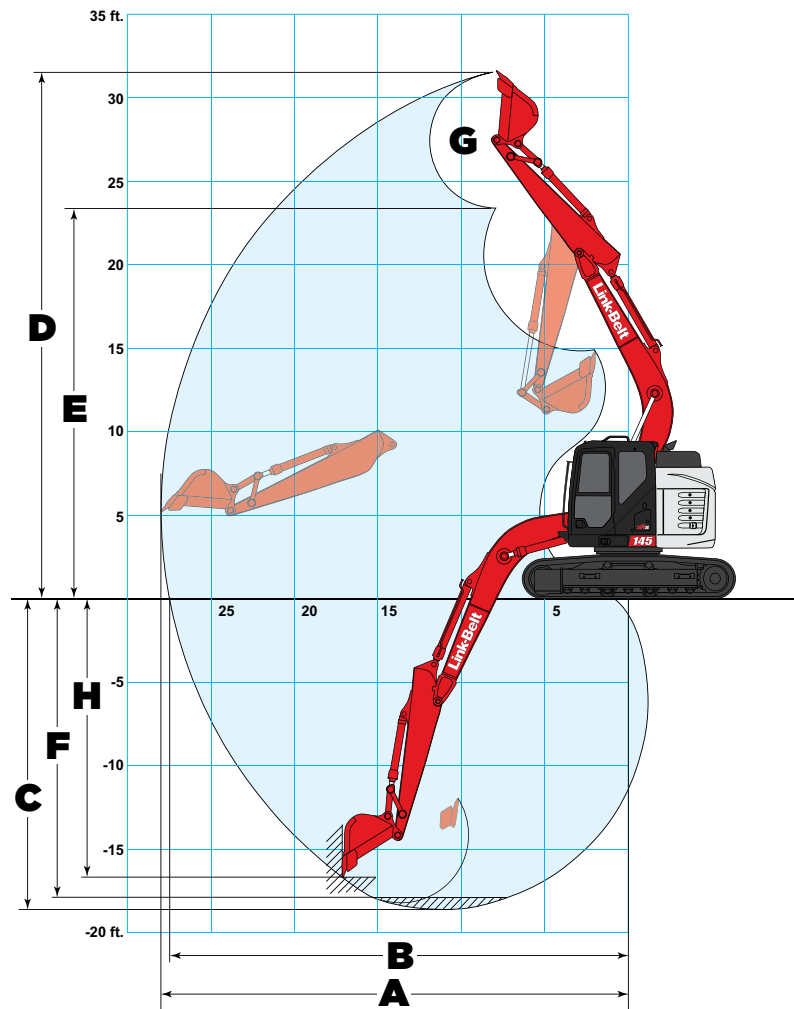
DOZER BLADE TRAVEL DIMENSIONS



Undercarriage	Grouser Shoe	Rubber Track	Grouser Shoe	Cab Specification	C: Cab Height
A. Shoe Width	23.6" (600 mm)	19.7" (500 mm)	27.6" (700 mm)	STD. (No Equipment)	9' 3" (2.82 m) 9' 5" (2.87 m)
B. Overall Width	8' 6" (2.59 m)	8' 2" (2.49 m)	8' 10" (2.69 m)	With Head Guard	9' 7" (2.92 m) 9' 9" (2.97 m)

145 X4S SPECIFICATIONS

WORKING RANGE



	Machine Equipped with 15' 2" (4.63 m) Boom	Arm 8' 2" (2.50 m)	Arm 9' 11" (3.01 m)
A. Maximum reach	27' 2" (8.29 m)	28' 8" (8.74 m)	
B. Maximum reach @ ground level	26' 9" (8.14 m)	28' 3" (8.60 m)	
C. Maximum dig depth	18' 1" (5.50 m)	19' 9" (6.01 m)	
D. Maximum dig height	30' 8" (9.34 m)	31' 10" (9.69 m)	
E. Maximum dump height	21' 8" (6.94 m)	23' 11" (7.29 m)	
F. Digging depth 8' (2.44 m) level bottom	17' 4" (5.29 m)	19' 2" (5.83 m)	
G. Bucket rotation	178°	178°	
H. Maximum vertical wall depth	16' 1" (4.89 m)	17' 4" (5.28 m)	

145 X4S SPECIFICATIONS

LIFT CAPACITIES

RADIUS OF LOAD:

8' 2" (2.50 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 8' 6" (2.59 M) DOZER BLADE UP

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs					8,150*	8,150*					5,900*	5,900*
(7.5 m)	kgs					3,940*	3,940*					2,590*	2,590*
+20' 0"	lbs							8,200*	8,200*			4,550*	4,550*
(6.0 m)	kg							3,840*	3,840*			2,050*	2,050*
+15' 0"	lbs					9,400*	9,400*	9,850*	8,500	6,650*	5,400	4,200*	4,200*
(4.5 m)	kg					4,300*	4,300*	4,520*	3,950	3,310*	2,500	1,900*	1,900*
+10' 0"	lbs					17,800*	15,050	10,950	8,100	7,000	5,250	4,150*	4,150*
(3.0 m)	kg					8,290*	6,990	5,080	3,750	3,240	2,440	1,880*	1,880*
+5' 0"	lbs					20,100	13,550	10,350	7,550	6,750	5,050	4,350*	4,050
(1.5 m)	kg					8,260*	6,290	4,810	3,510	3,130	2,340	1,980*	1,830
Ground	lbs					16,550*	12,900	9,950	7,200	6,550	4,850	4,850*	4,100
Line	kg					7,150*	6,000	4,630	3,340	3,050	2,260	2,210*	1,860
-5' 0"	lbs	11,750*	11,750*			19,250	12,800	9,800	7,050	6,500	4,800	5,900*	4,550
(1.5 m)	kg	5,240*	5,240*			8,990	5,970	4,550	3,270	3,020	2,230	2,670*	2,060
-10' 0"	lbs	19,900*	19,900*			14,950*	13,050	9,900	7,150			7,800*	5,850
(3.0 m)	kg	9,180*	9,180*			6,940*	6,060	4,600	3,310			3,560*	2,620
-15' 0"	lbs												
(4.5 m)	kg												

RADIUS OF LOAD:

8' 2" (2.50 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 8' 6" (2.59 M) DOZER BLADE DOWN

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs					8,150*	8,150*					5,900*	5,900*
(7.5 m)	kgs					3,940*	3,940*					2,590*	2,590*
+20' 0"	lbs							8,200*	8,200*			4,550*	4,550*
(6.0 m)	kg							3,840*	3,840*			2,050*	2,050*
+15' 0"	lbs					9,400*	9,400*	9,850*	9,100	6,650*	5,750	4,200*	4,200*
(4.5 m)	kg					4,300*	4,300*	4,520*	4,210	3,310*	2,670	1,900*	1,900*
+10' 0"	lbs					17,800*	16,300	12,700*	8,650	9,800*	5,600	4,150*	4,150*
(3.0 m)	kg					8,290*	7,570	5,860*	4,010	4,660*	2,600	1,880*	1,880*
+5' 0"	lbs					20,100*	14,750	14,500*	8,150	11,050*	5,400	4,350*	4,300
(1.5 m)	kg					8,260*	6,850	6,690*	3,770	5,080*	2,500	1,980*	1,960
Ground	lbs					16,550*	14,050	15,150*	7,750	11,100*	5,200	4,850*	4,400
Line	kg					7,150*	6,550	7,000*	3,600	5,130*	2,420	2,210*	1,990
-5' 0"	lbs	11,750*	11,750*	20,250*	14,000	14,050*	7,600	9,800*	5,150	5,900*	4,900	5,900*	4,900
(1.5 m)	kg	5,240*	5,240*	9,330*	6,510	6,500*	3,530	4,590*	2,390	2,670*	2,210	2,670*	2,210
-10' 0"	lbs	19,900*	19,900*	14,950*	14,200	10,500*	7,700					7,800*	6,250
(3.0 m)	kg	9,180*	9,180*	6,940*	6,610	4,930*	3,570					3,560*	2,810
-15' 0"	lbs												
(4.5 m)	kg												

NOTES: EXCAVATOR LIFTING CAPACITIES



- The lift capacities above are based on the ISO standard, ISO 10567:2007 - "Earthmoving Machinery - Hydraulic Excavators - Lift Capacity"
- Lifting capacities shown should not be exceeded. The weight of all lifting accessories must be deducted from the above lifting capacities. The use of a work tool attachment point as the lift point could affect the machine lift performance.
- Lifting capacities are based on the machine standing on a firm, uniform supporting surface. Users must make allowances for job conditions such as soft or uneven ground.
- Lifting capacities shown do not exceed 75% of the minimum tipping loads or 87% of the hydraulic capacities. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacities.
- The least stable position is lifting over the side.
- Operators should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX Company LLC before operating the machine.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.
- This lift chart is without bucket.

145 X4S SPECIFICATIONS

LIFT CAPACITIES



RADIUS OF LOAD:

9' 11" (3.01 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 8' 6" (2.59 M) DOZER BLADE UP

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs											5,100*	5,100*
(7.5 m)	kg											2,250*	2,250*
+20' 0"	lbs							7,450*	7,450*			4,200*	4,200*
(6.0 m)	kg							3,390*	3,390*			1,890*	1,890*
+15' 0"	lbs							8,050*	8,050*	7,150*	5,400	3,900*	3,900*
(4.5 m)	kg							3,660*	3,660*	3,330*	2,510	1,770*	1,770*
+10' 0"	lbs					12,700*	12,700*	10,850*	8,150	6,950	5,200	3,900*	3,800
(3.0 m)	kg					6,080*	6,080*	5,030*	3,770	3,230	2,420	1,760*	1,720
+5' 0"	lbs					20,350	13,750	10,350	7,550	6,700	4,950	4,100*	3,600
(1.5 m)	kg					9,500	6,370	4,810	3,500	3,100	2,300	1,850*	1,620
Ground	lbs					18,200*	12,750	9,850	7,100	6,450	4,750	4,500*	3,600
Line	kg					7,860*	5,920	4,580	3,280	2,990	2,200	2,050*	1,640
-5' 0"	lbs	10,500*	10,500*			18,850	12,500	9,600	6,850	6,300	4,650	5,350*	3,950
(1.5 m)	kg	4,670*	4,670*			8,820	5,810	4,460	3,180	2,930	2,140	2,430*	1,790
-10' 0"	lbs	17,550*	17,550*			17,000*	12,600	9,600	6,850			6,650	4,850
(3.0 m)	kg	7,790*	7,790*			7,890*	5,860	4,470	3,190			2,980	2,180
-15' 0"	lbs					8,750*	8,750*					5,400*	5,400*
(4.5 m)	kg					4,250*	4,250*					2,550*	2,550*

RADIUS OF LOAD:

9' 11" (3.01 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 8' 6" (2.59 M) DOZER BLADE DOWN

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs											5,100*	5,100*
(7.5 m)	kg											2,250*	2,250*
+20' 0"	lbs							7,450*	7,450*			4,200*	4,200*
(6.0 m)	kg							3,390*	3,390*			1,890*	1,890*
+15' 0"	lbs							8,050*	8,050*	7,150*	5,750	3,900*	3,900*
(4.5 m)	kg							3,660*	3,660*	3,330*	2,680	1,770*	1,770*
+10' 0"	lbs					12,700*	12,700*	10,850*	8,700	8,950*	5,600	3,900*	3,900*
(3.0 m)	kg					6,080*	6,080*	5,030*	4,040	4,170*	2,590	1,760*	1,760*
+5' 0"	lbs					21,150*	14,950	13,700*	8,100	10,600*	5,300	4,100*	3,850
(1.5 m)	kg					9,810*	6,940	6,330*	3,760	4,870*	2,470	1,850*	1,740
Ground	lbs					18,200*	13,900	14,850*	7,650	10,950*	5,100	4,500*	3,900
Line	kg					7,860*	6,470	6,860*	3,540	5,060*	2,360	2,050*	1,760
-5' 0"	lbs	10,500*	10,500*			21,350*	13,650	14,400*	7,400	10,350*	5,000	5,350*	4,250
(1.5 m)	kg	4,670*	4,670*			9,750*	6,350	6,650*	3,440	4,790*	2,310	2,430*	1,920
-10' 0"	lbs	17,550*	17,550*			17,000*	13,750	11,800*	7,400			7,300*	5,250
(3.0 m)	kg	7,790*	7,790*			7,890*	6,410	5,510*	3,440			3,270*	2,350
-15' 0"	lbs					8,750*	8,750*					5,400*	5,400*
(4.5 m)	kg					4,250*	4,250*					2,550*	2,550*

NOTES: EXCAVATOR LIFTING CAPACITIES

- The lift capacities above are based on the ISO standard, ISO 10567:2007 - "Earthmoving Machinery - Hydraulic Excavators - Lift Capacity"
- Lifting capacities shown should not be exceeded. The weight of all lifting accessories must be deducted from the above lifting capacities. The use of a work tool attachment point as the lift point could affect the machine lift performance.
- Lifting capacities are based on the machine standing on a firm, uniform supporting surface. Users must make allowances for job conditions such as soft or uneven ground.
- Lifting capacities shown do not exceed 75% of the minimum tipping loads or 87% of the hydraulic capacities. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacities.
- The least stable position is lifting over the side.
- Operators should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX Company LLC before operating the machine.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.
- This lift chart is without bucket.

145 X4S SPECIFICATIONS

LIFT CAPACITIES



RADIUS OF LOAD:

8' 2" (2.50 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, LONG UNDERCARRIAGE

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs					8,150*	8,150*					5,900*	5,900*
(7.5 m)	kgs					3,940*	3,940*					2,590*	2,590*
+20' 0"	lbs							8,200*	8,200*			4,550*	4,550*
(6.0 m)	kg							3,840*	3,840*			2,050*	2,050*
+15' 0"	lbs					9,400*	9,400*	9,850*	8,200	6,650*	5,200	4,200*	4,200*
(4.5 m)	kg					4,300*	4,300*	4,520*	3,820	3,310*	2,410	1,900*	1,900*
+10' 0"	lbs					17,800*	14,600	12,400	7,800	7,850	5,050	4,150*	4,100
(3.0 m)	kg					8,290*	6,760	5,770	3,620	3,650	2,350	1,880*	1,860
+5' 0"	lbs					20,100*	13,050	11,800	7,300	7,600	4,850	4,350*	3,850
(1.5 m)	kg					8,260*	6,060	5,490	3,380	3,540	2,250	1,980*	1,760
Ground	lbs					16,550*	12,400	11,400	6,900	7,450	4,650	4,850*	3,950
Line	kg					7,150*	5,770	5,300	3,210	3,450	2,170	2,210*	1,780
-5' 0"	lbs	11,750*	11,750*			20,250*	12,350	11,250	6,800	7,350	4,600	5,900*	4,350
(1.5 m)	kg	5,240*	5,240*			9,330*	5,740	5,220	3,140	3,410	2,140	2,670*	1,980
-10' 0"	lbs	19,900*	19,900*			14,950*	12,550	10,500*	6,900			7,800*	5,600
(3.0 m)	kg	9,180*	9,180*			6,940*	5,830	4,930*	3,180			3,560*	2,520
-15' 0"	lbs												
(4.5 m)	kg												

RADIUS OF LOAD:

9' 11" (3.01 M) ARM WITH 15' 2" (4.63 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, LONG UNDERCARRIAGE

				5' 0" (1.5 m)		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+25' 0"	lbs											5,100*	5,100*
(7.5 m)	kgs											2,250*	2,250*
+20' 0"	lbs							7,450*	7,450*			4,200*	4,200*
(6.0 m)	kg							3,390*	3,390*			1,890*	1,890*
+15' 0"	lbs							8,050*	8,050*	7,150*	5,200	3,900*	3,900*
(4.5 m)	kg							3,660*	3,660*	3,330*	2,420	1,770*	1,770*
+10' 0"	lbs					12,700*	12,700*	10,850*	7,850	7,850	5,000	3,900*	3,650
(3.0 m)	kg					6,080*	6,080*	5,030*	3,640	3,640	2,330	1,760*	1,650
+5' 0"	lbs					21,150*	13,250	11,800	7,250	7,550	4,750	4,100*	3,450
(1.5 m)	kg					9,810*	6,150	5,500	3,370	3,510	2,210	1,850*	1,550
Ground	lbs					18,200*	12,250	11,300	6,800	7,300	4,550	4,500*	3,450
Line	kg					7,860*	5,700	5,250	3,150	3,390	2,110	2,050*	1,570
-5' 0"	lbs	10,500*	10,500*			21,350*	12,000	11,050	6,600	7,200	4,450	5,350*	3,800
(1.5 m)	kg	4,670*	4,670*			9,750*	5,580	5,130	3,050	3,330	2,050	2,430*	1,710
-10' 0"	lbs	17,550*	17,550*			17,000*	12,100	11,050	6,600			7,300*	4,650
(3.0 m)	kg	7,790*	7,790*			7,890*	5,630	5,140	3,060			3,270*	2,090
-15' 0"	lbs					8,750*	8,750*					5,400*	5,400*
(4.5 m)	kg					4,250*	4,250*					2,550*	2,550*

NOTES: EXCAVATOR LIFTING CAPACITIES

- The lift capacities above are based on the ISO standard, ISO 10567:2007 - "Earthmoving Machinery - Hydraulic Excavators - Lift Capacity"
- Lifting capacities shown should not be exceeded. The weight of all lifting accessories must be deducted from the above lifting capacities. The use of a work tool attachment point as the lift point could affect the machine lift performance.
- Lifting capacities are based on the machine standing on a firm, uniform supporting surface. Users must make allowances for job conditions such as soft or uneven ground.
- Lifting capacities shown do not exceed 75% of the minimum tipping loads or 87% of the hydraulic capacities. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacities.
- The least stable position is lifting over the side.
- Operators should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX Company LLC before operating the machine.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.
- This lift chart is without bucket.

145 X4S SPECIFICATIONS

STANDARD EQUIPMENT

CAB

- 230° WAVES 3-Camera System
- 12V Power Outlet
- AM/FM Sound System
- Anti-Theft Device
- Auxiliary Switches on Control Lever
- Bluetooth
- Cab Air Filter - External
- Cab Handrails
- Cab Interior Light
- Cab ISO-Mounts
- LED Cab Lights
- Clear Roof Window
- Climate Control A/C and Heater
- Cup Holder (2)
- Defroster
- Digital Clock
- Emergency Exit and Hammer
- Face Vent
- Floor Mat (Split)
- Front Window One-Touch Lock
- Gate Lock Hydraulic Activation
- Horn
- Hour Meter (Digital)
- LCD 10" Color Monitor
- Maintenance Interval Reminders
- MP3 Auxiliary Input
- On-Board Diagnostic
- Radio Mute Switch
- Rear View Camera
- Rear View Mirrors (2)
- RemoteCARE Support System (GPS)
- Roof Sun Shade
- ROPS/FOPS Level 1 Certified Structure
- Safety Glass Windows
- SCM Air-Suspension Seat with Tilt & Heater
- Seat Recline
- Selectable Monitor Languages
- Small Storage

- Smart Phone Tray

- Travel Alarm with Cancel Switch
- Trip Meter (Digital)
- Wiper & Washer
- Wiper Switch on RH Joystick

ENGINE

- 90A Alternator
- Air Filter (Double Element)
- Air Filter Restriction Indicator
- Auto Warm-Up System
- Auto-Idle
- Auto-Idle Shutdown
- Battery Disconnect Switch w/ LED Light
- Cooling Fan
- DEF Gauge on Monitor
- 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 Belt Auto Tensioner
- 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 Screens

- Remote Engine Oil Drain
- Remote Oil Filter
- Selective Catalytic Reduction (SCR)
- Turbocharger

HYDRAULICS

- Anti-drift valves (Arm & Boom)
- Arm Regeneration
- Arm Speed Assistance (2 Pump Flow)
- Attachment Cushion Valve
- Auto Swing Priority
- Custom Flow Control
- Auxiliary Tool Settings (Custom Naming)
- Auxiliary Valve
- Boom Regeneration
- Boom Speed Assistance (2 Pump Flow)
- Bucket Curl Assist
- Control Levers Pre-Wired for Auxiliary Hyd.
- Pattern Control Valve (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 Monitor
- Pump Stand-By Pressure

AUXILIARY HYDRAULIC OPTIONS

- Multi-Function Aux. w/ in-cab Pressure Settings and Proportional Joystick

UNDERCARRIAGE

- 600 mm shoes (23.6 in) 3-Bar Steel
- Extended Steps
- Lashing Points (Tie-Downs)
- Sealed Link Chain
- Single Track Guide
- Strutted Track Chain
- Swivel Guard

UPPERSTRUCTURE

- Counterweight (7,500 lbs)
- Center Cover (Over Main CV)
- Fuel Tank Belly Pan
- ISO Guard Rails
- LED Tool Box Light
- Lockable Fuel Cap and Service Doors
- Lockable Hydraulic Oil Tank Cap
- Lockable Engine Hood
- Lockable Tool Box

ATTACHMENT

- 8' 2" (2.50 m) Arm
- 15' 2" (4.63 m) HD Main Boom Section
- Auxiliary Pipe Brackets
- Chrome Pins
- HD Bucket Linkage
- LED Boom Light
- Quick Coupler Lines
- Precision Grade Brackets
- Teardrop Pin Retention Keepers

145 X4S SPECIFICATIONS

OPTIONAL EQUIPMENT

ADVANCED TECHNOLOGY

- Digital Level
- Height and Depth Alarm
- Payload

CAB

- 230° WAVES+ 3-Camera System
- Cab Sun Visor (Front)
- CAB Head Guard (FOPS Level 2)
- Front Guard (Mesh)
- Front Guard (BAR - OPG Level 1)
- Front Guard (BAR - OPG Level 2)
- LED Lights for WAVES Cameras (4)
- Rain Deflector

PRECISION GRADE

- 2D Machine Control
- 2D Machine Guidance

ENGINE

- Air Pre-Cleaner

HYDRAULICS

- Hose Burst Check Valve

AUXILIARY HYDRAULIC OPTIONS

- Combination Aux. w/ in-cab Pressure Settings and Proportional Joysticks

UNDERCARRIAGE

- Double Track Guards
- **Dozer Blade (8' 6")**
 - 500 mm shoes (19.7 in) 3-Bar Steel
 - 500 mm shoes (19.7 in) Rubber Track Pads
 - 600 mm shoes (23.6 in) 3-Bar Steel
- **Dozer Blade w/ Bolt-On Cutting Edge (8' 6")**
 - 500 mm shoes (19.7 in) 3-Bar Steel
 - 500 mm shoes (19.7 in) Rubber Track Pads
 - 600 mm shoes (23.6 in) 3-Bar Steel

- 700 mm shoes (27.6 in) 3-Bar Steel
- **Dozer Blade (8' 10")**
 - 700 mm shoes (27.6 in) 3-Bar Steel
- **Long Undercarriage**
 - 500 mm shoes (19.7 in) 3-Bar Steel
 - 500 mm shoes (19.7 in) Rubber Track Pads
 - 600 mm shoes (23.6 in) 3-Bar Steel
 - 700 mm shoes (27.6 in) 3-Bar Steel

ATTACHMENT

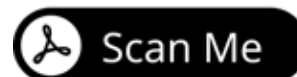
- 8' 2" (2.50 m) HD Arm
- 9' 11" (3.01 m) Arm

BUCKET SIZES



Scan the QR code to find the right size bucket, thumb, and coupler combination for the 145 X4S.

Or visit qrco.de/bfqakx





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EXCAVATORS

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