

Link-Belt® 145 X4 MSR Excavator Delivers Performance and Versatility in Confined Work Spaces

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LBX Company announces the Link-Belt 145 X4 minimum-swing radius (MSR) excavator for the US and Canada, featuring an electronically-controlled 102 horsepower Isuzu engine that meets EPA Final Tier 4 requirements, without the need for a diesel particulate filter (DPF). The 145 X4 is easy to transport and versatile enough to take on a variety of tasks, such as water & sewer pipeline construction, residential construction, highway & street construction, excavation work and loading trucks. A dozer blade can be added to tackle more work.

“The 145 X4 delivers up to 3% faster cycle times than its predecessor” said Adam Woods, LBX Product Manager. “It also features an increase of 1% lifting capacity. Two electrically-controlled Kawasaki

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variable-displacement axial-piston pumps and one Kawasaki gear pump assure that hydraulic flow gets delivered precisely when and where it's needed. The end result is more smoothness, maneuverability and precision when digging, dumping or swinging.”

Fuel efficiency is also improved. The 145 X4 delivers up to 6% better fuel economy than previous models. It also features a 12 gallon DEF tank.

The ROPS and FOPS-certified cab provides improved operator ergonomics and comfort. A large, automotive-grade high-back suspended seat offers unprecedented lumbar support, with tilting and heat available as options. Arm rests move proportionally with the console, which means that the distance and angle between joysticks and operator remains the same, no matter how the seat is adjusted.

A large, 7-inch LCD color monitor allows the operator to easily navigate a full menu of user-friendly controls to take full command of the excavator and attachments. New features include Fuel Consumption Display, Machine Info and Time Setting.

The standard rear-view camera is accessible through the monitor, displaying a panoramic view of the worksite from the rear of the machine, with sight guidelines that can be turned on or off by the operator. Rear and side lights can also be added to the camera system.

For the ultimate in visibility, the Wide Angle Visual Enhancement System (WAVES) can be added. “WAVES is an exclusive, award-winning feature for Link-Belt X4 excavators,” Woods said. “The system is easy to use and includes three closed-circuit, high resolution cameras that provide a seamless 230° viewing envelope with no blind spots.”

Other notable new cab features include: dual halogen cab lights (with optional LED lighting); a cup holder and storage areas for cell phones and other small items; newly designed joysticks with easy-to-hold grip and radio mute buttons; new MP3 audio input, Bluetooth-enabled for hands-free communication. An easy to access standard pattern control changer makes every operator feel right at home.

Servicing is a snap, with convenient, ground-level access to all routine service points, including sample ports for engine and hydraulic oil. All service ports are easily accessed via hand-turn knobs.

RemoteCARE® GPS-enabled telematics system allows 24/7 remote monitoring and security. The system tracks and records routine and major service intervals, as well as machine health, providing more flexibility and control when determining when and where to service machines. It also lets you be more proactive if potential failure conditions arise; flashing diagnostic codes on the monitor quickly alert the operator to potential trouble and an e-mail alert is automatically sent. The system also provides machine location in real time for better job supervision and remote security monitoring. A 6-year subscription is included at no extra charge.

All X4 machines are backed by a 1-year/1,800 hour Full Machine Warranty, 2-year/3,000 hour Engine Warranty (2,000 hrs. engine electrical parts), 3-year/5,000 hour Powertrain Warranty, 3-year/10,000 hour XtraStructure Warranty (exclusions apply: scrap, demolition, material handling, severe or extreme duty applications, non-Link-Belt attachments), 5-year/3,000 hour EPA Emissions Warranty and participation in the LBX Fluids Analysis Program for the duration of the Powertrain warranty. Extended warranty coverage packages are also available.

Specifications Breakdown

Operating Weight	32 100 lbs. (14,600 kg)
Max Dig Depth	19'9" (6.01m)
Max Reach at Ground Level	28'3" (8.60 m)
Arm Force w/Auto Power Boost	14,800 lbf (66 kN)
Bucket Digging Force w/Auto Power Boost	21,400 lbf (95 kN)
Bucket Capacity, SAE Heaped, Min-Max	0.50 yd ³ (0.38 m ³)- 0.98 yd ³ (0.75 m ³)
Engine Make	Isuzu
Engine Model	AR-4JJ1X
Net Horsepower	102 hp (76.4 kW) @ 2,000 rpm
Max Travel Speed	3.5 mph (5.6 km/h)
Tail Swing	5' 3" (1.53 m)

About LBX Company

For more information contact Lisa Bemis, Events & Promotion Supervisor, at lbemis@lbxco.com.

LBX Company LLC is the proud maker of Link-Belt hydraulic excavators, scrap/material handlers, demolition equipment and forestry equipment. These products are sold through a large independent dealer network located throughout North and Latin America. LBX's subsidiary company, LBX do Brasil, distributes these products in Brazil.

LBX Company is a subsidiary of Sumitomo (S.H.I.) Construction Machinery, a world-wide leader in construction equipment innovation and quality manufacturing based in Chiba, Japan.

More information is available by visiting lbxco.com.