Link-Belt
EXCAVATORS

# 170 X4S

BROCHURE

Link-Belt

# BUILT FOR OPERATORS

Developed from the solid foundation of our award-winning X4 Series, the 170 X4S is purpose-built with modern technologies for various operating applications. The 170 X4S fits the expanding demands of dynamic contractors thanks to its stability, control, and strength in digging power. It is perfect for road building and maintenance, excavation, site preparation, construction, sewage work, or demolition operations.

# NEXT LEVEL STRENGTH

## TOUGH ON DIRT, EASY ON FUEL

The 170 X4S delivers exceptional performance without sacrificing fuel savings. Its YANMAR 4TN107FHT-4SSH1 Final Tier 4 Certified engine delivers 120 horsepower and achieves up to 5% better fuel economy in ECO mode with superior cycle times. Convenient fuel monitoring is at your fingertips.

## OPERATOR WORK MODES

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

## 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 quality into every piece of equipment, offering advanced lifting capabilities (up to 8% with heavy counterweight option), 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.

## 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.

# OPTIMIZED FUEL DELIVERY

Under the hood, the 170 X4S Yanmar 4TN107FHT-4SSH1 engine pushes the boundaries of performance and efficiency, delivering significant improvements in several key areas. Operators can expect a boost in horsepower, fuel economy, torque, and faster cycle times.

## REDUCED EMISSIONS TECHNOLOGY

This powerful 4-cylinder, 4.6-liter, Tier 4 Certified engine delivers on both performance and efficiency. It features advanced technologies like Common Rail Direct Injection for precise fuel control and lower emissions. Plus, with Cooled Exhaust Gas Recirculation (EGR) and a Diesel Particulate Filter, this engine runs cleaner than ever.

## AUTOMATED REGENERATION

The DPF automatically regenerates every 100 hours to maintain optimal performance and filter life without interfering with machine operation.

# CLEVER CUSTOMIZATION

## CUSTOM FLOW

The 170 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 170 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 170 X4S features ergonomic footrests, 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 170 X4S is manufactured with built-in safety features, the WAVES system, vertical wide monitor for better visibility, auto operation lever lock function.

- **MONITOR AND MOVE**
  The 170 X4S comes equipped with a 10” HD LCD color monitor, allowing for customizable functions and increased visibility as the WAVES system provides a seamless 270° 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.

- **WAVES+**
  Upgrade jobsite visibility with WAVES+. Alerts notify the operator on screen and with an audible sound when movement is detected within the 270° field of view.

- **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.

# SUPPORT YOU CAN TRUST

With the purchase of a 170 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 up keep 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 170 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.

# REMOTECARE

The 170 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.

Link-Belt EXCAVATORS

# 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.

# HEAVY-DUTY COUNTERWEIGHT

Unlock a new level of lifting power while your machine is firmly planted on solid ground. Boost your lifting capacity by up to 8% and experience unmatched stability when maneuvering hefty materials. The increased counterweight provides a firm foundation minimizing the risk of tipping and keeping you in complete control.

Link-Belt
X4S
170

# 170 X4S SPECIFICATIONS

**SAE Net Horsepower**
120 hp (89.7 kW)

**Operating Weight**
39,500 lbs (17,900 kg)

**Swing Torque**
33,300 lbf-ft (45.1 kNm)

## ENGINE

YANMAR 4TN107FHT-4SSH1 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, Turbocharger, Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF), 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 | YANMAR 4TN107FHT-4SSH1 Final Tier 4 turbocharged diesel engine |
| SAE J 1349 net horsepower | 120 HP (89.7 kW) @ 2200 min-1 (rpm) |
| Displacement | 279 cu in (4.57 L) |
| Maximum Torque | 434 lbf-ft (589 N-m) @ 1500 min-1 (rpm) |
| Starter | 24 V - 5.0 kW |
| Alternator | 80 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.

Link-Belt EXCAVATORS

# 170 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 42 gpm (159 L/min) |
| Pilot Pump Maximum Flow | 5.8 gpm (22 L/min) |
| **Relief Valve Settings** | |
| Boom Up / 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 - 4.5” x 46.4”<br>(115 mm x 1179 mm) |
| Arm | 4.9” x 50.4”<br>(125 mm x 1280 mm) |
| Bucket | 4.1” x 38.8”<br>(105 mm x 985 mm) |

## SWING

Planetary reduction powered by axial-piston motor, internal ring gear with grease cavity for swing pinion, swing bearing is single-row, shear type ball bearing, mechanical disc swing brake, auto-power swing.

| | |
|---|---|
| Swing Speed | 11.8 rpm |
| Tail Swing | 8’ 3” (2.52 m) |
| Swing Torque | 33,300 lbf-ft (45.1 kNm) |

## UNDERCARRIAGE

13’1” (3.99 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.

| | |
|---|---|
| Carrier Rollers | 2 per Side |
| Track Rollers | 7 per Side |
| Track Link Pitch | 7.5” (190 mm) |
| Shoes | 44 per Side |
| Shoe Width | 23.6” (600 mm) |
| Ground Pressure | |
| Standard Couterweight | 6.1 psi (0.042 MPa) |
| Heavy Counterweight | 6.2 psi (0.043 MPa) |

# 170 X4S SPECIFICATIONS

## 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 | 1.9 - 3.2 mph (3.0 - 5.2 km/h) |
| Drawbar Pull | 36,200 lbf (161 kN) |
| Gradeability | 70% (35°) |

## ATTACHMENT

| | |
|---|---|
| HD Boom | 16’ 11” (5.15 m) |
| **Available Arms** | **Digging Force** |
| 8’ 7” (2.63 m) | 17,800 lbf (79.0 kN) |
| with Auto Power Boost | 18,800 lbf (84.0 kN) |
| 10’ 0” (3.05 m) | 16,200 lbf (72.0 kN) |
| with Auto Power Boost | 17,300 lbf (77.0 kN) |
| 8’ 7” (2.63 m) HD | 17,800 lbf (79.0 kN) |
| with Auto Power Boost | 18,800 lbf (84.0 kN) |
| Bucket Digging Force | 25,200 lbf (112.0 kN) |
| with Auto Power Boost | 26,500 lbf (118.0 kN) |

## LUBRICANT AND COOLANT CAPACITY

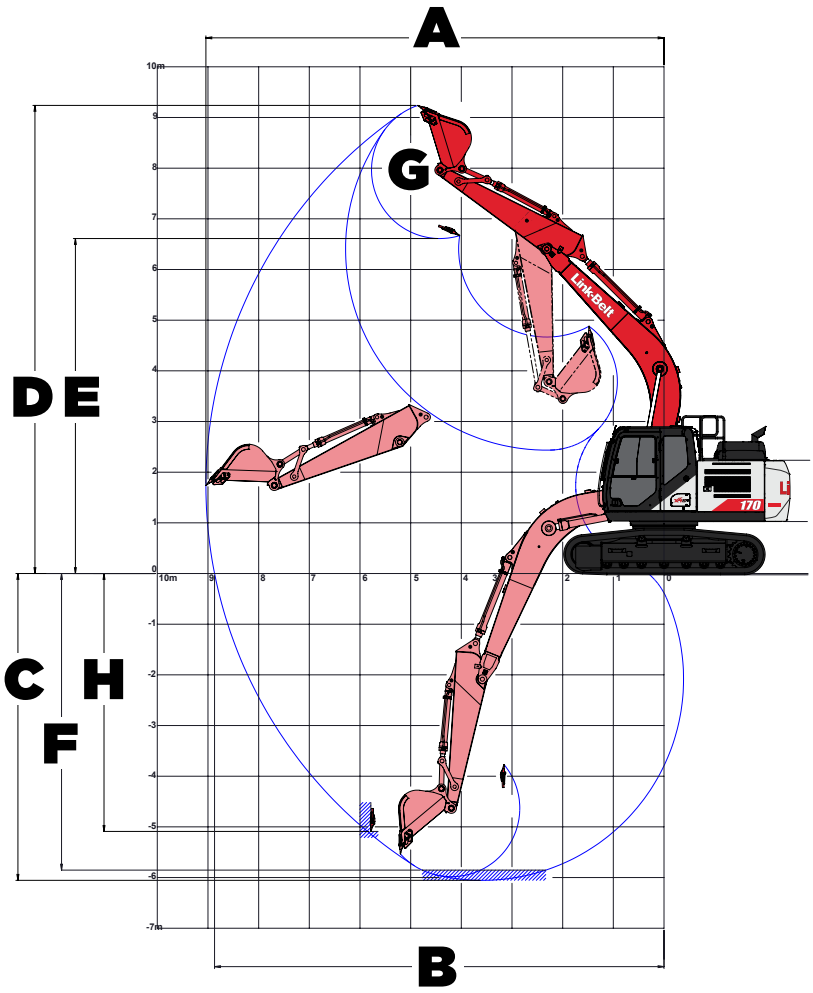
| | |
|---|---|
| Fuel Tank | 79 Gallons (300 Liters) |
| Hydraulic System | 45 Gallons (170 Liters) |
| Hydraulic Tank | 22 Gallons (82 Liters) |
| Final Drive (per side) | 1.4 Gallons (5.3 Liters) |
| Swing Drive | 1.3 Gallons (4.8 Liters) |
| Engine Oil | 5.7 Gallons (21.5 Liters) |
| DEF Tank | 16 Gallons (60 Liters) |
| Coolant System | 6.2 Gallons (23.3 Liters) |

## OPERATING WEIGHT

| | |
|---|---|
| Working weight with 23.6” (600 mm) shoes, 16’ 11” (5.15 m) boom, 8’ 7” (2.63 m) arm, 1,067 lbs (484 kg) bucket, 6,764 lbs (3,068 kg) standard counterweight | 39,500 lbs (17,900 kg) |
| Working weight with 23.6” (600 mm) shoes, 16’ 11” (5.15 m) boom, 8’ 7” (2.63 m) arm, 1,067 lbs (484 kg) bucket, 7,646 lbs (3,468 kg) heavy counterweight | 40,300 lbs (18,300 kg) |

# 170 X4S SPECIFICATIONS

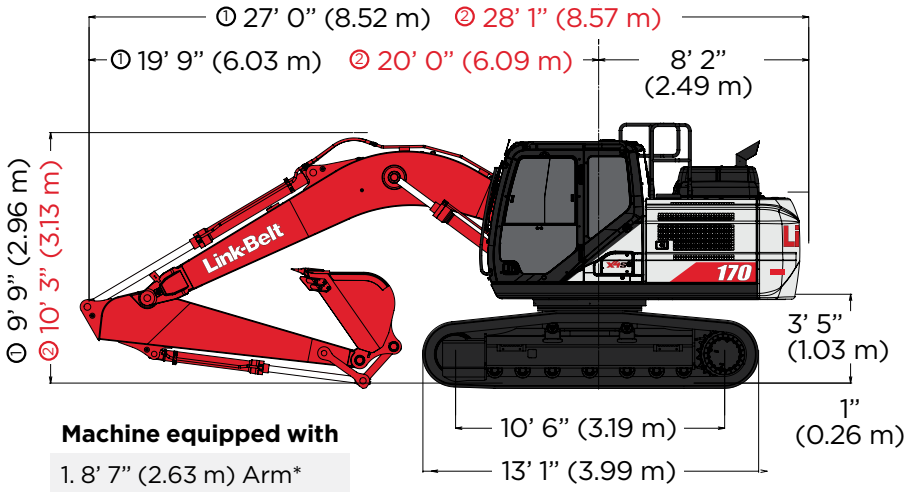
## WORKING RANGE

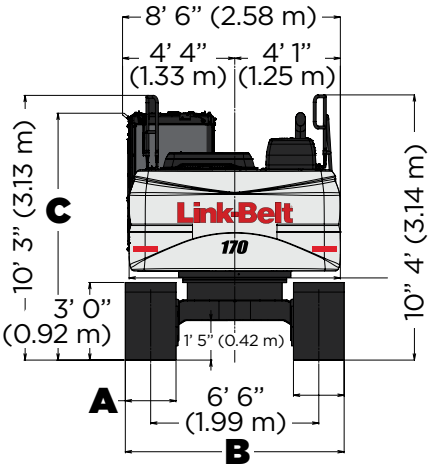



| Machine Equipped with 16’ 11” (5.15 m) Boom | Arm 8’ 7” (2.63 m)* | Arm 10’ 0” (3.06 m) |
|---|---|---|
| A. Maximum reach | 29’ 8” (9.04 m) | 30’ 9” (9.38 m) |
| B. Maximum reach @ ground level | 29’ 1” (8.87 m) | 30’ 3” (9.22 m) |
| C. Maximum dig depth | 19’ 11” (6.06 m) | 21’ 4” (6.49 m) |
| D. Maximum dig height | 30’ 4” (9.24 m) | 30’ 6” (9.29 m) |
| E. Maximum dump height | 21’ 8” (6.61 m) | 21’ 11” (6.69 m) |
| F. Digging depth 8’ (2.44 m) level bottom | 19’ 2” (5.85 m) | 20’ 8” (6.29 m) |
| G. Bucket rotation | 178° | 178° |
| H. Maximum vertical wall depth | 16’ 8” (5.08 m) | 17’ 2” (5.22 m) |

# 170 X4S SPECIFICATIONS

## TRAVEL DIMENSIONS




**Machine equipped with**

1. 8’ 7” (2.63 m) Arm*
2. 10’ 0” (3.06 m) Arm

| Undercarriage | Option | |
|---|---|---|
| A. Shoe Width | 23.6” (600 mm) | 27.5” (700 mm) |
| B. Overall Width | 8’ 6” (2.59 m) | 8’ 10” (2.69 m) |

| Cab Specification | C: Cab Height |
|---|---|
| STD. (No Equipment) | 9’ 8” (2.94 m) |
| With Head Guard | 10’ 0” (3.05 m) |
| With Vandal Cover | 10’ 0” (3.05 m) |
| With Head Guard & Vandal Cover | 10’ 4” (3.14 m) |

*Values include the standard arm and Heavy Duty arm option.

# 170 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:
### 8' 7" (2.63 M) ARM WITH 16' 11" (5.15 M) HD BOOM AND STANDARD COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30' 0"** | **lbs** | | | | | | | | | | | | | | |
| (9.14 m) | kg | | | | | | | | | | | | | | |
| **+25' 0"** | **lbs** | | | | | | | | | | | | | **6,800*** | 6,800* |
| (7.5 m) | kgs | | | | | | | | | | | | | 3080* | 3080* |
| **+20' 0"** | **lbs** | | | | | | | **7,750*** | **7,650** | | | | | **5,900*** | **5,900*** |
| (6.0 m) | kg | | | | | | | 3,515* | 3,465 | | | | | 2,675* | 2,675* |
| **+15' 0"** | **lbs** | | | | | **11,450*** | **11,450*** | **10,700*** | **7,550** | | | | | **5,650*** | **5,650*** |
| (4.5 m) | kg | | | | | 5,190* | 5,190* | 4,850* | 3,420 | | | | | 2,560* | 2,560* |
| **+10' 0"** | **lbs** | | | **21,800*** | **20,100** | **14,500*** | **11,000** | **11,150** | **7,250** | | | | | **5,700*** | **5,150** |
| (3.0 m) | kg | | | 9,885* | 9,115 | 6,575* | 4,985 | 5,055 | 3,285 | | | | | 2,585* | 2,335 |
| **+5' 0"** | **lbs** | | | | | **16,600** | **10,200** | **10,700** | **6,850** | **7,100*** | **4,950** | | | **6,000*** | **4,900** |
| (1.5 m) | kg | | | | | 7,525 | 4,625 | 4,850 | 3,105 | 3,220* | 2,245 | | | 2,720* | 2,220 |
| **Ground** | **lbs** | | | **14,200*** | **14,200*** | **16,000** | **9,700** | **10,400** | **6,600** | | | | | **6,650*** | **5,000** |
| Line | kg | | | 6,440* | 6,440* | 7,255 | 4,395 | 4,715 | 2,990 | | | | | 3,015* | 2,265 |
| **-5' 0"** | **lbs** | **12,950*** | **12,950*** | **23,450*** | **17,400** | **15,800** | **9,500** | **10,300** | **6,450** | | | | | **8,000*** | **5,500** |
| (1.5 m) | kg | 5,870* | 5,870* | 10,635* | 7,890 | 7,165 | 4,305 | 4,670 | 2,925 | | | | | 3,625* | 2,490 |
| **-10' 0"** | **lbs** | **23,050*** | **23,050*** | **26,100*** | **17,700** | **15,950** | **9,600** | | | | | | | **10,750** | **6,800** |
| (3.0 m) | kg | 10,455* | 10,455* | 11,835* | 8,025 | 7,230 | 4,350 | | | | | | | 4,875 | 3,080 |
| **-15' 0"** | **lbs** | | | **18,450*** | **18,450*** | | | | | | | | | **12,700*** | **11,150** |
| (4.5 m) | kg | | | 8,365* | 8,365* | | | | | | | | | 5,760* | 5,055 |

### RADIUS OF LOAD:
### 10' 0" (3.06 M) ARM WITH 16' 11" (5.15 M) HD BOOM AND STANDARD COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30' 0"** | **lbs** | | | | | | | | | | | | | | |
| (9.14 m) | kg | | | | | | | | | | | | | | |
| **+25' 0"** | **lbs** | | | | | | | | | | | | | **5,950*** | 5,950* |
| (7.5 m) | kgs | | | | | | | | | | | | | 2695* | 2695* |
| **+20' 0"** | **lbs** | | | | | | | **8,150*** | **7,800** | | | | | **5,300*** | **5,300*** |
| (6.0 m) | kg | | | | | | | 3,695* | 3,535 | | | | | 2,400* | 2,400* |
| **+15' 0"** | **lbs** | | | | | | | **9,800*** | **7,600** | | | | | **5,100*** | **5,100*** |
| (4.5 m) | kg | | | | | | | 4,445* | 3,445 | | | | | 2,310* | 2,310* |
| **+10' 0"** | **lbs** | | | **18,850*** | **18,850*** | **13,300*** | **11,150** | **11,200*** | **7,250** | **7,650*** | **5,100** | | | **5,200*** | **4,800** |
| (3.0 m) | kg | | | 8,550* | 8,550* | 6,030* | 5,055 | 5,080* | 3,285 | 3,465* | 2,310 | | | 2,355* | 2,175 |
| **+5' 0"** | **lbs** | | | **17,650*** | **17,650*** | **16,700** | **10,250** | **10,750** | **6,850** | **7,650** | **4,950** | | | **5,550*** | **4,550** |
| (1.5 m) | kg | | | 8,005* | 8,005* | 7,570 | 4,645 | 4,875 | 3,105 | 3,465 | 2,245 | | | 2,515* | 2,060 |
| **Ground** | **lbs** | | | **16,300*** | **16,300*** | **16,000** | **9,650** | **10,350** | **6,500** | **7,500*** | **4,800** | | | **6,150*** | **4,600** |
| Line | kg | | | 7,390* | 7,390* | 7,255 | 4,375 | 4,690 | 2,945 | 3,400 | 2,175 | | | 2,785* | 2,085 |
| **-5' 0"** | **lbs** | **12,550*** | **12,550*** | **22,900*** | **17,100** | **15,700** | **9,400** | **10,150** | **6,350** | | | | | **7,400*** | **5,000** |
| (1.5 m) | kg | 5,690* | 5,690* | 10,385* | 7,755 | 7,120 | 4,260 | 4,600 | 2,880 | | | | | 3,355* | 2,265 |
| **-10' 0"** | **lbs** | **20,700*** | **20,700*** | **27,450*** | **17,350** | **15,700** | **9,400** | **10,250** | **6,400** | | | | | **9,550** | **6,000** |
| (3.0 m) | kg | 9,385* | 9,385* | 12,450* | 7,865 | 7,120 | 4,260 | 4,645 | 2,900 | | | | | 4,330 | 2,720 |
| **-15' 0"** | **lbs** | | | **21,300*** | **17,950** | **14,300*** | **9,800** | | | | | | | **12,950*** | **9,000** |
| (4.5 m) | kg | | | 9,660 | 8,140 | 6,485* | 4,445 | | | | | | | 5,870* | 4,080 |

# 170 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:
### 8’ 7” (2.63 M) ARM WITH 16’ 11” (5.15 M) HD BOOM AND HEAVY COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30’ 0”** | **lbs** | | | | | | | | | | | | | | |
| (9.14 m) | kg | | | | | | | | | | | | | | |
| **+25’ 0”** | **lbs** | | | | | | | | | | | | | **6,800*** | 6,800* |
| (7.5 m) | kgs | | | | | | | | | | | | | 3,080* | 3,080* |
| **+20’ 0”** | **lbs** | | | | | | | **7,750*** | **7,750*** | | | | | **5,900*** | **5,900*** |
| (6.0 m) | kg | | | | | | | 3,520* | 3,520 | | | | | 2,680* | 2,680* |
| **+15’ 0”** | **lbs** | | | | | **11,450*** | **11,450*** | **10,700*** | **8,000** | | | | | **5,650*** | **5,650*** |
| (4.5 m) | kg | | | | | 5,190* | 5,190* | 4,850* | 3,630 | | | | | 2,560* | 2,560* |
| **+10’ 0”** | **lbs** | | | **21,800*** | **21,200** | **14,500*** | **11,600** | **11,700** | **7,650** | | | | | **5,700*** | **5,500** |
| (3.0 m) | kg | | | 9,890* | 9,620 | 6,580* | 5,260 | 5,310 | 3,470 | | | | | 2,590* | 2,490 |
| **+5’ 0”** | **lbs** | | | | | **17,450** | **10,800** | **11,300** | **7,300** | **7,100*** | **5,300** | | | **6,000*** | **5,250** |
| (1.5 m) | kg | | | | | 7,920 | 4,900 | 5,130 | 3,310 | 3,220* | 2,400 | | | 2,720* | 2,380 |
| **Ground** | **lbs** | | | **14,200*** | **14,200*** | **16,850** | **10,300** | **10,950** | **7,000** | | | | | **6,650*** | **5,300** |
| Line | kg | | | 6,440* | 6,440* | 7,640 | 4,670 | 4,970 | 3,180 | | | | | 3,020* | 2,400 |
| **-5’ 0”** | **lbs** | **12,950*** | **12,950*** | **23,450*** | **18,500** | **16,650** | **10,150** | **10,850** | **6,900** | | | | | **8,000*** | **5,850** |
| (1.5 m) | kg | 5,870* | 5,870* | 10,640* | 8,390 | 7,550 | 4,600 | 4,920 | 3,130 | | | | | 3,630* | 2,650 |
| **-10’ 0”** | **lbs** | **23,050*** | **23,050*** | **26,100*** | **18,800** | **16,800** | **10,250** | | | | | | | **11,000*** | **7,200** |
| (3.0 m) | kg | 10,460* | 10,460* | 11,840* | 8,530 | 7,620 | 4,650 | | | | | | | 4,940* | 3,270 |
| **-15’ 0”** | **lbs** | | | **18,450*** | **18450*** | | | | | | | | | **12,700*** | **11,800** |
| (4.5 m) | kg | | | 8,370* | 8370* | | | | | | | | | 5,760* | 5,350 |

### RADIUS OF LOAD:
### 10’ 0” (3.06 M) ARM WITH 16’ 11” (5.15 M) HD BOOM AND HEAVY COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30’ 0”** | **lbs** | | | | | | | | | | | | | | |
| (9.14 m) | kg | | | | | | | | | | | | | | |
| **+25’ 0”** | **lbs** | | | | | | | | | | | | | **5,950*** | 5,950* |
| (7.5 m) | kgs | | | | | | | | | | | | | 2,700* | 2,700* |
| **+20’ 0”** | **lbs** | | | | | | | **8,150*** | **8,150*** | | | | | **5,300*** | **5,300*** |
| (6.0 m) | kg | | | | | | | 3,700* | 3,700* | | | | | 2,400* | 2,400* |
| **+15’ 0”** | **lbs** | | | | | | | **9,800*** | **8,050** | | | | | **5,100*** | **5,100*** |
| (4.5 m) | kg | | | | | | | 4,450* | 3,650 | | | | | 2,310* | 2,310* |
| **+10’ 0”** | **lbs** | | | **18,850*** | **18,850*** | **13,300*** | **11,750** | **11,200*** | **7,700** | **7,650*** | **5,450** | | | **5,200*** | **5,100** |
| (3.0 m) | kg | | | 8,550* | 8,550* | 6,030* | 5,330 | 5,080* | 3,490 | 3,470* | 2,470 | | | 2,360* | 2,310 |
| **+5’ 0”** | **lbs** | | | **17,650*** | **17,650*** | **16,750*** | **10,900** | **11,300** | **7,300** | **8,100** | **5,250** | | | **5,550*** | **4,850** |
| (1.5 m) | kg | | | 8,010* | 8,010* | 7,600* | 4,940 | 5,130 | 3,310 | 3,670 | 2,380 | | | 2,520* | 2,200 |
| **Ground** | **lbs** | | | **16,300*** | **16,300*** | **16,850** | **10,250** | **10,900** | **6,950** | **7,900** | **5,100** | | | **6,150*** | **4,900** |
| Line | kg | | | 7,390* | 7,390* | 7,640 | 4,650 | 4,940 | 3,150 | 3,580 | 2,310 | | | 2,790* | 2,220 |
| **-5’ 0”** | **lbs** | **12,550*** | **12,550*** | **22,900*** | **18,200** | **16,500** | **10,000** | **10,750** | **6,800** | | | | | **7,400*** | **5,350** |
| (1.5 m) | kg | 5,690* | 5,690* | 10,390* | 8,260 | 7,480 | 4,540 | 4,880 | 3,080 | | | | | 3,360* | 2,430 |
| **-10’ 0”** | **lbs** | **20,700*** | **20,700*** | **27,450*** | **18,450** | **16,550** | **10,050** | **10,800** | **6,850** | | | | | **10,050*** | **6,400** |
| (3.0 m) | kg | 9,390* | 9,390* | 12,450* | 8,370 | 7,510 | 4,560 | 4,900 | 3,110 | | | | | 4,560* | 2,900 |
| **-15’ 0”** | **lbs** | | | **21,300*** | **19,050** | **14,300*** | **10,450** | | | | | | | **12,950*** | **9,600** |
| (4.5 m) | kg | | | 9,660* | 8,640 | 6,490* | 4,740 | | | | | | | 5,870* | 4,350 |

# 170 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:

### 8’ 7” (2.63 M) HD ARM WITH 16’ 11” (5.15 M) HD BOOM AND STANDARD COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30’ 0”** (9.14 m) | **lbs** kg | | | | | | | | | | | | | | |
| **+25’ 0”** (7.5 m) | **lbs** kgs | | | | | | | | | | | | | | |
| **+20’ 0”** | **lbs** | | | | | | | **7,700*** | **7,550** | | | | | **5,850*** | **5,850*** |
| (6.0 m) | kg | | | | | | | 3,490* | 3,420 | | | | | 2,650* | 2,650* |
| **+15’ 0”** | **lbs** | | | | | **11,300*** | **11,300*** | **10,550*** | **7,450** | | | | | **5,550*** | **5,550*** |
| (4.5 m) | kg | | | | | 5,125* | 5,125* | 4,785* | 3,375 | | | | | 2,515* | 2,515* |
| **+10’ 0”** | **lbs** | | | **21,600*** | **19,900** | **14,350*** | **10,850** | **11,000** | **7,100** | | | | | **5,600*** | **5,050** |
| (3.0 m) | kg | | | 9,795* | 9,025 | 6,505* | 4,920 | 4,985 | 3,220 | | | | | 2,540* | 2,290 |
| **+5’ 0”** | **lbs** | | | | | **16,450** | **10,050** | **10,600** | **6,750** | **7,050*** | **4,850** | | | **5,950*** | **4,800** |
| (1.5 m) | kg | | | | | 7,460 | 4,555 | 4,805 | 3,060 | 3,195* | 2,195 | | | 2,695* | 2,175 |
| **Ground** | **lbs** | | | **14,150*** | **14,150*** | **15,850** | **9,500** | **10,250** | **6,450** | | | | | **6,600*** | **4,850** |
| Line | kg | | | 6,415* | 6,415* | 7,185 | 4,305 | 4,645 | 2,925 | | | | | 2,990* | 2,195 |
| **-5’ 0”** | **lbs** | **12,900*** | **12,900*** | **23,400*** | **17,100** | **15,600** | **9,350** | **10,150** | **6,350** | | | | | **7,900*** | **5,350** |
| (1.5 m) | kg | 5,850* | 5,850* | 10,610* | 7,755 | 7,075 | 4,240 | 4,600 | 2,880 | | | | | 3,580* | 2,425 |
| **-10’ 0”** | **lbs** | **23,000*** | **23,000*** | **25,850*** | **17,450** | **15,750** | **9,450** | | | | | | | **10,600** | **6,650** |
| (3.0 m) | kg | 10,430* | 10,430* | 11,725* | 7,915 | 7,140 | 4,285 | | | | | | | 4,805 | 3,015 |
| **-15’ 0”** | **lbs** | | | **18,250*** | **18,250** | | | | | | | | | **12,550*** | **11,000** |
| (4.5 m) | kg | | | 8,275* | 8,275 | | | | | | | | | 5,690* | 4,985 |

# 170 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:
### 8' 7" (2.63 M) HD ARM WITH 16' 11" (5.15 M) HD BOOM AND HEAVY COUNTERWEIGHT 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 Max. Reach | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** | **End** | **Side** |
| **+30' 0"** (9.14 m) | **lbs** kg | | | | | | | | | | | | | | |
| **+25' 0"** (7.5 m) | **lbs** kgs | | | | | | | | | | | | | **6,750*** 3,060* | 6,750* 3,060* |
| **+20' 0"** (6.0 m) | **lbs** kg | | | | | | | **7,700*** 3,490* | **7,700*** 3,490* | | | | | **5,850*** 2,650* | **5,850*** 2,650* |
| **+15' 0"** (4.5 m) | **lbs** kg | | | | | **11,300*** 5,125* | **11,300*** 5,125* | **10,550*** 4,785* | **7,850** 3,560 | | | | | **5,550*** 2,515* | **5,550*** 2,515* |
| **+10' 0"** (3.0 m) | **lbs** kg | | | **21,600*** 9,795* | **21,000** 9,525 | **14,350*** 6,505* | **11,500** 5,215 | **11,550** 5,235 | **7,550** 3,420 | | | | | **5,600*** 2,540* | **5,350** 2,425 |
| **+5' 0"** (1.5 m) | **lbs** kg | | | | | **17,300** 7,845 | **10,650** 4,830 | **11,150** 5,055 | **7,150** 3,240 | **7,050*** 3,195* | **5,200** 2,355 | | | **5,950*** 2,695* | **5,100** 2,310 |
| **Ground** Line | **lbs** kg | | | **14,150*** 6,415* | **14,150*** 6,415* | **16,650** 7,550 | **10,150** 4,600 | **10,850** 4,920 | **6,850** 3,105 | | | | | **6,600*** 2,990* | **5,200** 2,355 |
| **-5' 0"** (1.5 m) | **lbs** kg | **12,900*** 5,850* | **12,900*** 5,850* | **23,400*** 10,610* | **18,200** 8,255 | **16,450** 7,460 | **9,950** 4,510 | **10,700** 4,850 | **6,750** 3,060 | | | | | **7,900*** 3,580* | **5,700** 2,585 |
| **-10' 0"** (3.0 m) | **lbs** kg | **23,000*** 10,430* | **23,000*** 10,430* | **25,850*** 11,725* | **18,550** 8,410 | **16,600** 7,525 | **10,050** 4,555 | | | | | | | **10,950*** 4,965* | **7,100** 3,220 |
| **-15' 0"** (4.5 m) | **lbs** kg | | | **18,250*** 8,275* | **18,250*** 8,275* | | | | | | | | | **12,550*** 5,690* | **11,650** 5,280 |

## NOTES: EXCAVATOR LIFTING CAPACITIES

1) The lift capacities above are based on the ISO standard, ISO 10567:2007 -"Earthmoving Machinery – Hydraulic Excavators – Lift Capacity"
2) 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.
3) 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.
4) 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.
5) The least stable position is lifting over the side.
6) Operators should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX Company LLC before operating the machine.
7) Lift capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.
8) This lift chart is without bucket.

# 170 X4S SPECIFICATIONS

## STANDARD EQUIPMENT

### CAB

- 270° 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
- Side View Cameras (2)
- Small Storage
- Smart Phone Tray
- Travel Alarm with Cancel Switch
- Trip Meter (Digital)
- Wiper & Washer
- Wiper Switch on RH Joystick

### ENGINE

- 80A 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 Particulate Filter (DPF)
- 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 HYDRAULICS

- 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 (6,764 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' 7" (2.63 m) Arm
- 16' 11" (5.15 m) HD Boom
- Auxiliary Pipe Brackets
- Chrome Pins
- HD Bucket Linkage
- LED Boom Light
- Quick Coupler Lines
- Precision Grade Brackets
- Teardrop Pin Retention Keepers

# 170 X4S SPECIFICATIONS

## OPTIONAL EQUIPMENT

### CAB

- 270° 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
- Vandal Cover (Front Window)

### PRECISION GRADE

- 2D Machine Control
- 2D Machine Guidance

### ENGINE

- Air Pre-Cleaner
- Reversible Cooling Fan

### HYDRAULICS

- Hose Burst Check Valve

### AUXILIARY HYDRAULICS

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

### UNDERCARRIAGE

- 700 mm shoes (27.5 in) 3-Bar Steel
- Triple Track Guards

### ATTACHMENT

- 10’ 0” (3.05 m) Arm
- 8’ 7” (2.63 m) HD Arm

### UPPERSTRUCTURE

- Heavy Duty Counterweight (7,646 lbs)

## BUCKET SIZES

Scan the QR code to find the right size bucket, thumb, and coupler combination for the 170 X4S.

Or visit qrco.de/bdwHWn

SCAN ME

Link-Belt EXCAVATORS

# Link-Belt®
## EXCAVATORS

**LBX Company**
lbxco.com

For more information - including a digital version of this brochure - scan the QR code.

**#LBX2563 · 4/26**

LBX® and Link-Belt® are registered trademarks. Copyright 2026. All rights reserved. We are constantly improving our products and therefore reserve the right to change designs and specifications.