

**Link-Belt**  
EXCAVATORS

**245 X4S**

SPEC SHEET





# 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 160 horsepower, so you can go the distance and save on fuel. The 245 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





# ADVANCED TECHNOLOGY

Elevate your 245 X4S with advanced technology options for enhanced productivity, site awareness, and monitoring.

## DYNAMIC STABILITY ASSIST

Built-in motion stability control helps the 220 X4S adapt to jobsite conditions through electro-hydraulic control, enhancing site awareness on slopes and uneven terrain. Operators can adjust assistance levels based on the demands of the environment.

## HEIGHT AND DEPTH ALARM

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

## 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.

## 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.



# 245 X4S SPECIFICATIONS

**SAE Net Horsepower**  
160 hp (119.3 kW)

**Operating Weight**  
61,200 lbs (27,300 kg)

**Swing Torque**  
47,200 lbf-ft (64.0 kNm)



## ENGINE

Engine	ISUZU AR-4HK1X Final Tier 4 turbocharged diesel engine
SAE J 1349 net horsepower	160 HP (119.3 kW) @ 1800 min-1 (rpm)
Displacement	317 cu in (5.19 L)
Maximum Torque	457 lbf-ft (620 N-m) @ 1600 min-1 (rpm)
Starter	24 V - 5.0 kW
Alternator	85 amp
Voltage	24 V

## HYDRAULIC SYSTEM

### Hydraulic Pumps

Pump Output	2 x 55.7 gpm (211 L/min)
Pilot Pump Maximum Flow	4.8 gpm (18 L/min)

### Relief Valve Settings

Boom Arm / Bucket	4,970 psi (34.3 MPa)
in Power Boost	5,410 psi (37.3 MPa)
Swing Circuit	4,260 psi (29.4 MPa)
Travel Circuit	4,970 psi (34.3 MPa)

### Hydraulic Cylinders

### Number of Cylinders - Bore x Stroke

Boom	2 - 4.7" x 53.9" (120 mm x 1370 mm)
Arm	5.5" x 57.5" (140 mm x 1460 mm)
Bucket	4.7" x 39.8" (120 mm x 1010 mm)

## SWING

Swing Speed	11.5 rpm
Tail Swing	5' 11" (1.79 m)
Swing Torque	47,200 lbf-ft (64.0 kNm)

## TRAVEL SYSTEM

Travel Speeds	2.0 - 3.1 mph (3.2 - 5.0 km/h)
Drawbar Pull	45,000 lbf (200 kN)
Gradeability	70% (35°)

# 245 X4S SPECIFICATIONS

## UNDERCARRIAGE

<b>Long Undercarriage</b>	
Carrier Rollers	2 per Side
Track Rollers	8 per Side
Track Link Pitch	7.5" (190 mm)
Shoes	49 per Side
Shoe Width	31.5" (800 mm)
Ground Pressure	6.7 psi (0.046 MPa)
<b>Dozer Blade</b>	
Carrier Rollers	2 per Side
Track Rollers	7 per Side
Track Link Pitch	7.5" (190 mm)
Shoes	46 per Side
Shoe Width	31.5" (800 mm)
Ground Pressure	6.7 psi (0.046 MPa)

## ATTACHMENT

HD Boom	18' 8" (5.7 m)
<b>Available Arms</b>	
9' 8" (2.94 m) HD	23,100 lbf (103.0 kN)
with Auto Power Boost	25,100 lbf (112.0 kN)
<b>Digging Force</b>	
Bucket Digging Force	31,800 lbf (142.0 kN)
with Auto Power Boost	34,600 lbf (154.0 kN)

## LUBRICANT AND COOLANT CAPACITY

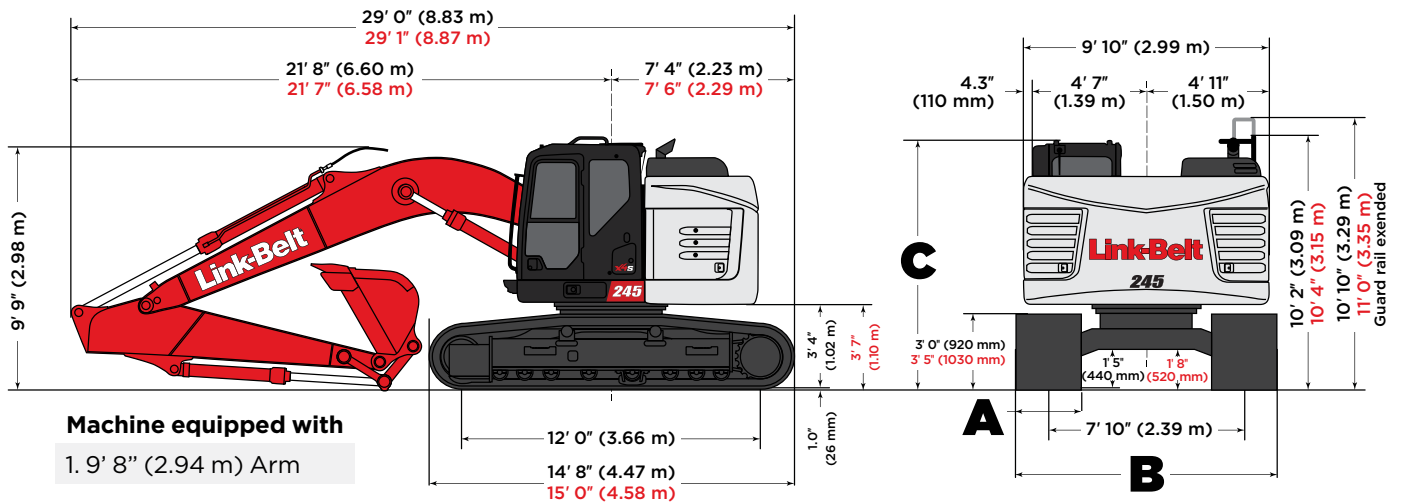
Fuel Tank	85 Gallons (320 Liters)
Hydraulic System	67 Gallons (252 Liters)
Hydraulic Tank	30 Gallons (114.0 Liters)
Final Drive (per side)	1.2 Gallons (4.5 Liters)
Swing Drive	1.3 Gallons (5.0 Liters)
Engine Oil	6.1 Gallons (23.1 Liters)
DEF Tank	11.4 Gallons (43.0 Liters)
Coolant System	8.4 Gallons (31.9 Liters)

## OPERATING WEIGHT

Working weight with 31.5" (800 mm) shoes, 18' 8" (5.7 m) HD boom, 9' 8" (2.94 m) arm, 1,532 lbs (695 kg) bucket, 16,400 lbs (7,430 kg) standard counterweight	57,800 lbs (26,200 kg)
Working weight with 31.5" (800 mm) shoes, 18' 8" (5.7 m) HD boom, 9' 8" (2.94 m) arm, 1,532 lbs (695 kg) bucket, 16,400 lbs (7,430 kg) standard counterweight, 9' 10" (3.0 m) dozer blade, 2,617 lbs (1,187 kg)	61,200 lbs (27,300 kg)

# 245 X4S SPECIFICATIONS

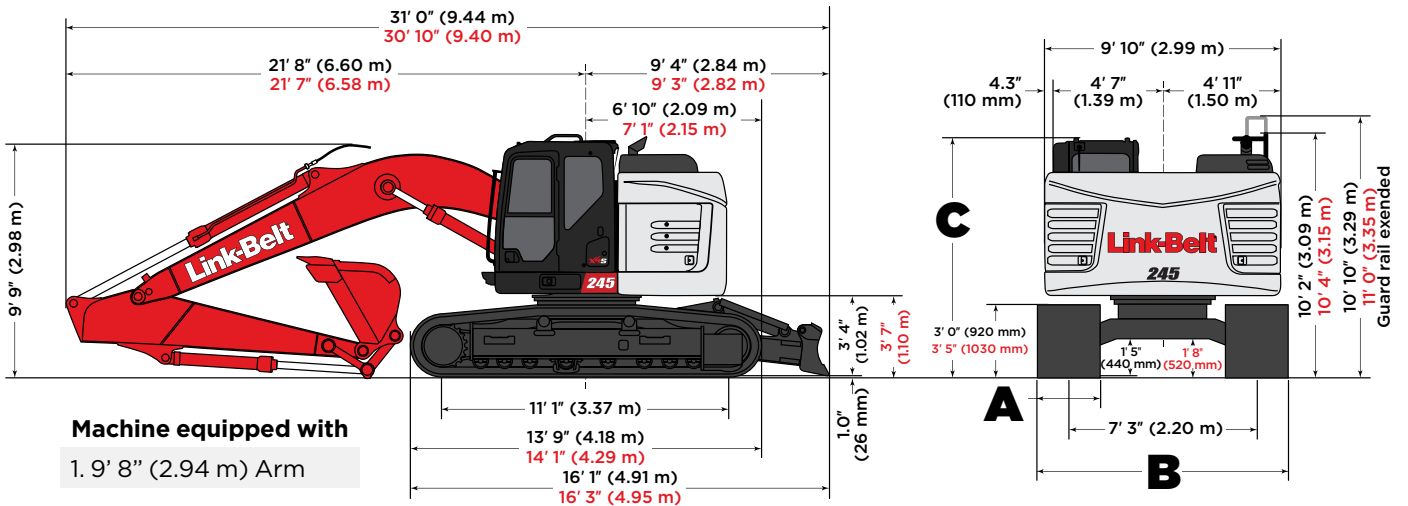
## LONG UNDERCARRIAGE TRAVEL DIMENSIONS



Undercarriage	Grouser Shoe	Rubber Track
A. Shoe Width	31.5" (800 mm)	23.6" (600 mm)
B. Overall Width	10' 6" (3.2 m)	9' 10" (3.0 m)

Cab Specification	C: Cab Height
STD. (No Equipment)	10' 0" (3.04 m)
With Head Guard	10' 2" (3.10 m)
	10' 4" (3.14 m)
	10' 6" (3.19 m)

## DOZER BLADE TRAVEL DIMENSIONS

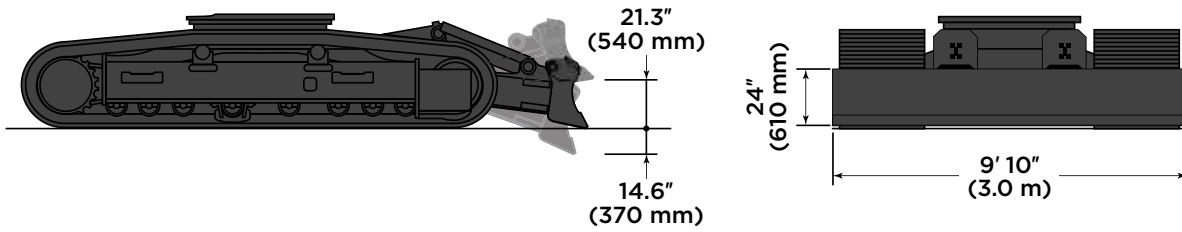


Undercarriage	Grouser Shoe	Rubber Track
A. Shoe Width	31.5" (800 mm)	23.6" (600 mm)
B. Overall Width	9' 10" (3.0 m)	9' 10" (3.0 m)

Cab Specification	C: Cab Height
STD. (No Equipment)	10' 0" (3.04 m)
With Head Guard	10' 2" (3.10 m)
	10' 4" (3.14 m)
	10' 6" (3.19 m)

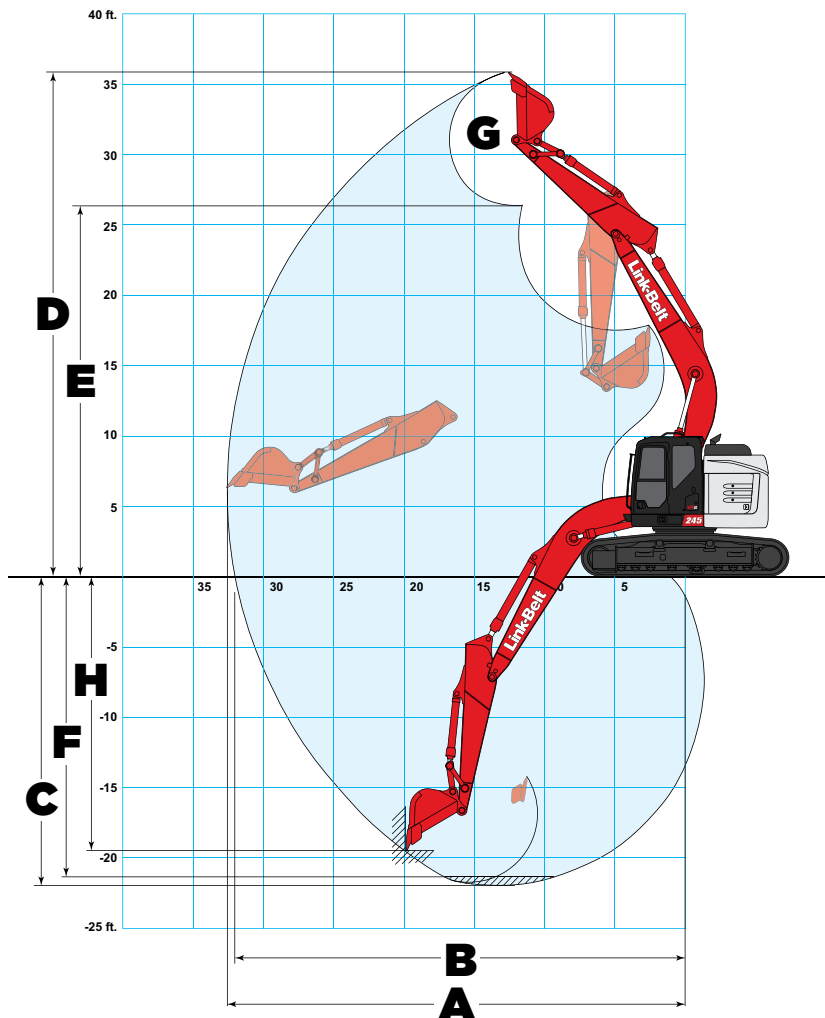
# 245 X4S SPECIFICATIONS

## DOZER BLADE DIMENSIONS



<b>Dozer Blade</b>	<b>9' 10"</b> <b>(3.00m)</b>
3-Bar Grouser (171.45 mm pitch)	31.5" (800 mm)

## WORKING RANGE



**Machine Equipped with 18' 8" (5.7 m) Boom**



	<b>Arm</b> <b>9' 8"</b> <b>(2.94 m)</b>
A. Maximum reach	32' 4" (9.85 m)
B. Maximum reach @ ground level	31' 9" (9.67 m)
C. Maximum dig depth	21' 10" (6.65 m)
D. Maximum dig height	35' 8" (10.86 m)
E. Maximum dump height	26' 2" (7.97 m)
F. Digging depth 8' (2.44 m) level bottom	21' 3" (6.48 m)
G. Bucket rotation	177°
H. Maximum vertical wall depth	19' 5" (5.92 m)

# 245 X4S SPECIFICATIONS

## LIFT CAPACITIES



### RADIUS OF LOAD:

**9' 8" (2.94 M) ARM WITH 18' 8" (5.7 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 9' 10" (3.0 M) DOZER BLADE UP**

				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)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+30' 0"	lbs													10,950*	10,950*
(9.0 m)	kgs													4,965*	4,965*
+25' 0"	lbs							11,500*	11,500*	9,000*	9,000*			8,950*	8,950*
(7.5 m)	kgs							5,215*	5,215*	4,080*	4,080*			4,055*	4,055*
+20' 0"	lbs							12,150*	12,150*	11,800*	11,800*			8,250*	8,250*
(6.0 m)	kg							5,510*	5,510*	5,350*	5,350*			3,740*	3,740*
+15' 0"	lbs					18,550*	18,550*	14,650*	14,650*	12,850*	12,750	11,750*	9,050	8,100*	8,100*
(4.5 m)	kg					8,410*	8,410*	6,645*	6,645*	5,825*	5,780	5,325*	4,105	3,670*	3,670*
+10' 0"	lbs					29,100*	29,100*	18,450*	18,450*	14,550*	12,200	12,700*	8,800	8,300*	7,700
(3.0 m)	kg					13,195*	13,195*	8,365*	8,365*	6,595*	5,530	5,760*	3,990	3,760*	3,490
+5' 0"	lbs							21,950*	17,350	16,300*	11,650	13,500*	8,550	8,800*	7,450
(1.5 m)	kg							9,955*	7,865	7,390*	5,280	6,120*	3,875	3,990*	3,375
Ground	lbs					16,050*	16,050*	23,700*	16,750	17,450*	11,300	13,950*	8,350	9,800*	7,600
Line	kg					7,280*	7,280*	10,750*	7,595	7,915*	5,125	6,325*	3,785	4,445*	3,445
-5' 0"	lbs	15,850*	15,850*	26,500*	26,500*	23,650*	16,550	23,650*	16,550	17,550*	11,100	13,300*	8,350	11,550*	8,250
(1.5 m)	kg	7,185*	7,185*	12,020*	12,020*	10,725*	7,505	10,725*	7,505	7,960*	5,030	6,030*	3,785	5,235*	3,740
-10' 0"	lbs	27,100*	27,100*	30,250*	30,250*	21,650*	16,650	21,650*	16,650	16,050*	11,200			13,650*	9,750
(3.0 m)	kg	12,290*	12,290*	13,720*	13,720*	9,820*	7,550	9,820*	7,550	7,280*	5,080			6,190*	4,420
-15' 0"	lbs					23,100*	23,100*	16,650*	16,650*					13,350*	13,350*
(4.5 m)	kg					10,475*	10,475*	7,550*	7,550*					6,055*	6,055*

### RADIUS OF LOAD:

**9' 8" (2.94 M) ARM WITH 18' 8" (5.7 M) HD BOOM AND STANDARD COUNTERWEIGHT WITH POWER-BOOST APPLIED, 9' 10" (3.0 M) DOZER BLADE DOWN**

				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)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+30' 0"	lbs													10,950*	10,950*
(9.0 m)	kgs													4,965*	4,965*
+25' 0"	lbs							11,500*	11,500*	9,000*	9,000*			8,950*	8,950*
(7.5 m)	kgs							5,215*	5,215*	4,080*	4,080*			4,055*	4,055*
+20' 0"	lbs							12,150*	12,150*	11,800*	11,800*			8,250*	8,250*
(6.0 m)	kg							5,510*	5,510*	5,350*	5,350*			3,740*	3,740*
+15' 0"	lbs					18,550*	18,550*	14,650*	14,650*	12,850*	11,950	11,750*	8,450	8,100*	7,900
(4.5 m)	kg					8,410*	8,410*	6,645*	6,645*	5,825*	5,420	5,325*	3,830	3,670*	3,580
+10' 0"	lbs					29,100*	29,100*	18,450*	17,200	14,550*	11,400	12,000	8,250	8,300*	7,200
(3.0 m)	kg					13,195*	13,195*	8,365*	7,800	6,595*	5,170	5,440	3,740	3,760*	3,265
+5' 0"	lbs							21,950*	16,100	16,200	10,900	11,700	8,000	8,800*	6,950
(1.5 m)	kg							9,955*	7,300	7,345	4,940	5,305	3,625	3,990*	3,150
Ground	lbs					16,050*	16,050*	23,700*	15,500	15,800	10,500	11,500	7,800	9,800*	7,100
Line	kg					7,280*	7,280*	10,750*	7,030	7,165	4,760	5,215	3,535	4,445*	3,220
-5' 0"	lbs	15,850*	15,850*	26,500*	26,500*	23,650*	15,300	23,650*	15,300	15,600	10,350	11,450	7,750	11,350	7,700
(1.5 m)	kg	7,185*	7,185*	12,020*	12,020*	10,725*	6,935	10,725*	6,935	7,075	4,690	5,190	3,515	5,145	3,490
-10' 0"	lbs	27,100*	27,100*	30,250*	28,950	21,650*	15,400	21,650*	15,400	15,700	10,400			13,500	9,100
(3.0 m)	kg	12,290*	12,290*	13,720*	13,130	9,820*	6,985	9,820*	6,985	7,120	4,715			6,120	4,125
-15' 0"	lbs					23,100*	23,100*	16,650*	15,900					13,350*	12,800
(4.5 m)	kg					10,475*	10,475*	7,550*	7,210					6,055*	5,805

# 245 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:

**9' 8" (2.94 M) ARM WITH 18' 8" (5.7 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)		25' 0" (7.5 m)		Cap at Max. Reach	
End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+30' 0"	lbs											10,950*	10,950*
(9.0 m)	kgs											4,965*	4,965*
+25' 0"	lbs					11,500*	11,500*	9,000*	9,000*			8,950*	8,950*
(7.5 m)	kgs					5,215*	5,215*	4,080*	4,080*			4,055*	4,055*
+20' 0"	lbs					12,150*	12,150*	11,800*	11,800*			8,250*	8,250*
(6.0 m)	kg					5,510*	5,510*	5,350*	5,350*			3,740*	3,740*
+15' 0"	lbs			18,550*	18,550*	14,650*	14,650*	12,850*	12,550	11,750*	8,900	8,100*	8,100*
(4.5 m)	kg			8,410*	8,410*	6,645*	6,645*	5,825*	5,690	5,325*	4,035	3,670*	3,670*
+10' 0"	lbs			29,100*	29,100*	18,450*	18,250	14,550*	12,000	12,700*	8,650	8,300*	7,550
(3.0 m)	kg			13,195*	13,195*	8,365*	8,275	6,595*	5,440	5,760*	3,920	3,760*	3,420
+5' 0"	lbs					21,950*	17,150	16,300*	11,500	13,400	8,400	8,800*	7,300
(1.5 m)	kg					9,955*	7,775	7,390*	5,215	6,075	3,810	3,990*	3,310
Ground	lbs			16,050*	16,050*	23,700*	16,500	17,450*	11,100	13,200	8,200	9,800*	7,450
Line	kg			7,280*	7,280*	10,750*	7,480	7,915*	5,030	5,985	3,715	4,445*	3,375
-5' 0"	lbs	15,850*	15,850*	26,500*	26,500*	23,650*	16,300	17,550*	10,900	13,150	8,150	11,550*	8,100
(1.5 m)	kg	7,185*	7,185*	12,020*	12,020*	10,725*	7,390	7,960*	4,940	5,960	3,695	5,235*	3,670
-10' 0"	lbs	27,100*	27,100*	30,250*	30,250*	21,650*	16,400	16,050*	11,000			13,650*	9,600
(3.0 m)	kg	12,290*	12,290*	13,720*	13,720*	9,820*	7,435	7,280*	4,985			6,190*	4,350
-15' 0"	lbs			23,100*	23,100*	16,650*	16,650*					13,350*	13,350*
(4.5 m)	kg			10,475*	10,475*	7,550*	7,550*					6,055*	6,055*

### 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.



# 245 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

- 85A 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 HYDRAULICS

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

### UNDERCARRIAGE

- 800 mm shoes (31.5") 3-Bar Steel
- Extended Steps
- Lashing Points (Tie-Downs)
- Sealed Link Chain
- Single Track Guide
- Strutted Track Chain
- Swivel Guard

### UPPERSTRUCTURE

- Counterweight (16,400 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

- 9' 8" (2.94 m) Arm HD
- 18' 8" (5.7 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

# 245 X4S SPECIFICATIONS

## OPTIONAL EQUIPMENT

### ADVANCED TECHNOLOGY

- Digital Level
- Dynamic Stability Assist
- 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 HYDRAULICS

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

### UNDERCARRIAGE

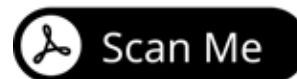
- Triple Track Guards
- **Dozer Blade 9' 10"**
  - 600 mm shoes (23.6") 3-Bar Steel
  - 600 mm shoes (23.6") Rubber Track Pads
- **Long Undercarriage**
  - 600 mm shoes (23.6") 3-Bar Steel
  - 600 mm shoes (23.6") Rubber Track Pads

## BUCKET SIZES



Scan the QR code to find the right size bucket, thumb, and coupler combination for the 245 X4S.

Or visit [qrco.de/bfoCa8](http://qrco.de/bfoCa8)





# Link-Belt<sup>®</sup>

## EXCAVATORS

**LBX Company**  
lbxco.com

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



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