



# Link-Belt<sup>®</sup>

## EXCAVATORS

SPEC SHEET (PRELIMINARY)

# 300 X4S

# 300 X4S SPECIFICATIONS

**SAE Net Horsepower**  
253 hp (189 kW)

**Operating Weight**  
67,700 lbs (30,700 kg)

**Swing Torque**  
67,900 lbf-ft (92.1 kNm)



## ENGINE

Engine	Isuzu AQ-6HK1X Final Tier 4 turbocharged diesel engine
SAE J 1349 net horsepower	253 HP (189 kW) @ 1900 min-1 (rpm)
Displacement	475 cu in (7.79 L)
Maximum Torque	711 lbf-ft (964 N-m) @ 1500 min-1 (rpm)
Starter	24 V - 5.0 kW
Alternator	90 amp
Voltage	24 V

## HYDRAULIC SYSTEM

### Hydraulic Pumps

Pump Output	2 x 67.6 gpm (256 L/min)
Pilot Pump Maximum Flow	7.5 gpm (28.5 L/min)

### Relief Valve Settings

Boom Up / Arm / Bucket	4,970 psi (34.3 MPa)
in Power Boost	5,410 psi (37.3 MPa)
Swing Circuit	4,410 psi (30.4 MPa)
Travel Circuit	4,970 psi (34.3 MPa)

### Hydraulic Cylinders

### Number of Cylinders - Bore x Stroke

Boom	2 - 5.5" x 53.9" (140 mm x 1369 mm)
Arm	5.9" x 65.0" (150 mm x 1650 mm)
Bucket	5.3" x 42.4" (135 mm x 1078 mm)

## SWING

Swing Speed	10.0 rpm
Tail Swing	10' 10" (3.29 m)
Swing Torque	67,900 lbf-ft (92.1 kNm)

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## UNDERCARRIAGE

Carrier Rollers	2 per Side
Track Rollers	8 per Side
Track Link Pitch	8" (203 mm)
Shoes	50 per Side
Shoe Width	31.5" (800 mm)
Ground Pressure	6.4 psi (0.044 MPa)

## TRAVEL SYSTEM

Travel Speeds	2.0 - 3.3 mph (3.2 - 5.3 km/h)
Drawbar Pull	55,500 lbf (247 kN)
Gradeability	70% (35°)

## ATTACHMENT

HD Boom	20' 2" (6.15 m)
<b>Available Arms</b>	<b>Digging Force</b>
10' 5" (3.18 m)	28,870 lbf (128.4 kN)
with Auto Power Boost	31,380 lbf (139.6 kN)
8' 8" (2.65 m)	33,050 lbf (147.0 kN)
with Auto Power Boost	35,950 lbf (159.9 kN)
12' 0" (3.66 m)	25,700 lbf (114.3 kN)
with Auto Power Boost	27,940 lbf (124.3 kN)
Bucket Digging Force	39,340 lbf (175.0 kN)
with Auto Power Boost	42,780 lbf (190.3 kN)

## LUBRICANT AND COOLANT CAPACITY

Fuel Tank	126 Gallons (478 Liters)
Hydraulic System	83 Gallons (315 Liters)
Hydraulic Tank	46 Gallons (173 Liters)
Final Drive (per side)	2.5 Gallons (9.5 Liters)
Swing Drive	1.3 Gallons (5.0 Liters)
Engine Oil	10.3 Gallons (38.9 Liters)
DEF Tank	22 Gallons (84 Liters)
Coolant System	12.5 Gallons (47.3 Liters)

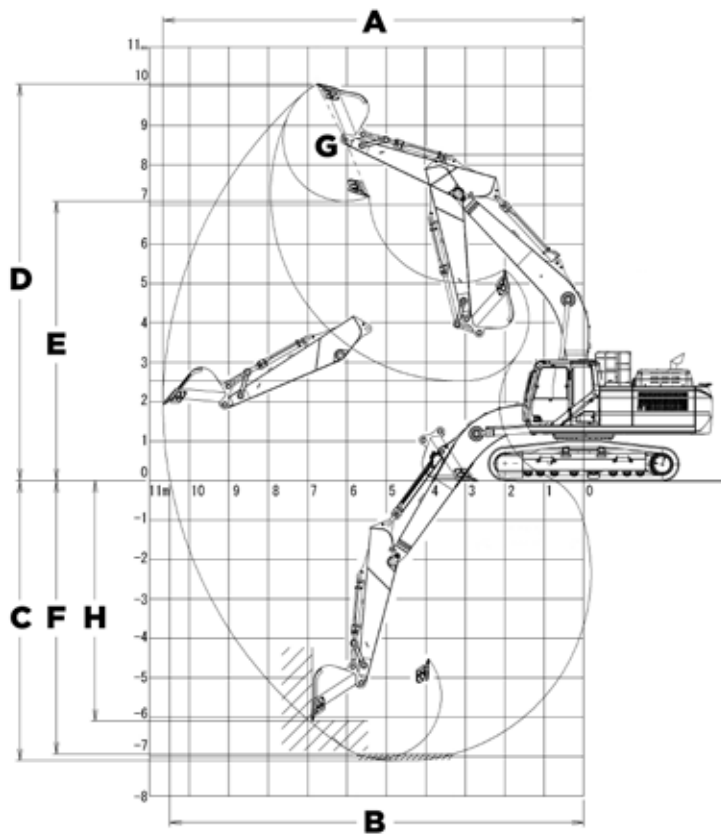
## OPERATING WEIGHT

Working weight with 31.5" (800 mm) shoes, 20' 2" (6.15 m) boom, 10' 5" (3.18 m) arm, 1,940 lbs (880 kg) bucket, 10,800 lbs (4,900 kg) counterweight	67,700 lbs (30,700 kg)
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# 300 X4S SPECIFICATIONS

## WORKING RANGE

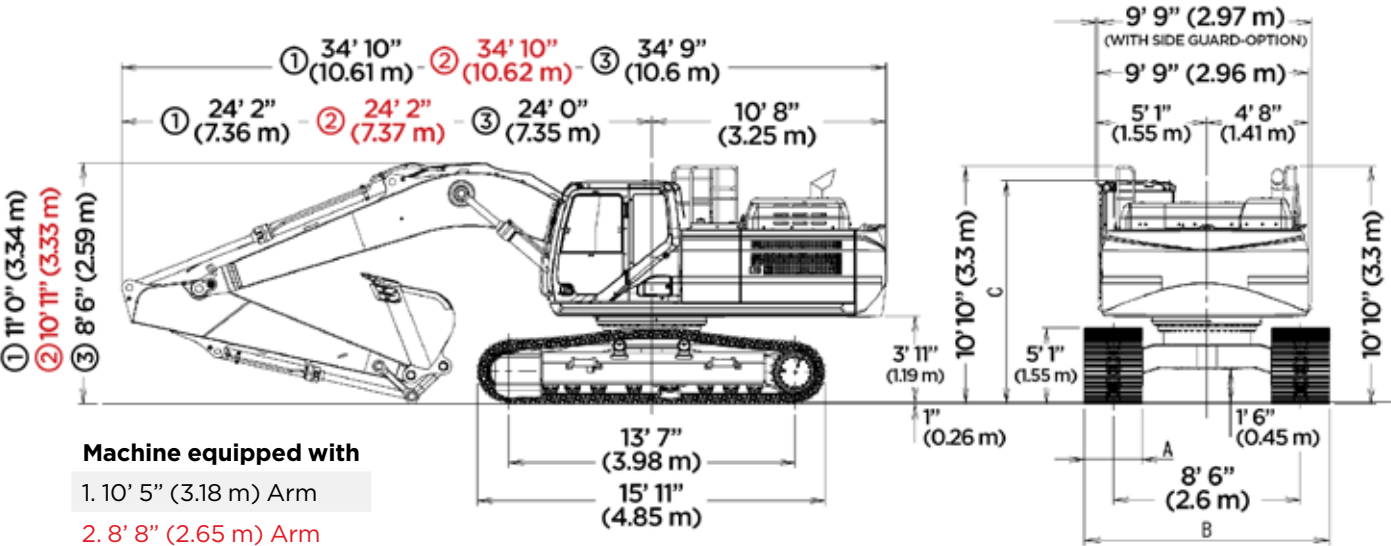


Machine Equipped with 20' 2" (6.15 m) Boom	Arm 10' 5" (3.18 m)	Arm 8' 8" (2.65 m)	Arm 12' 0" (3.66 m)
A. Maximum reach	35' 0" (10.67 m)	33' 6" (9.82 m)	36' 7" (10.79 m)
B. Maximum reach @ ground level	34' 5" (10.49 m)	32' 11" (10.03 m)	36' 0" (10.98 m)
C. Maximum dig depth	23' 4" (7.10 m)	21' 7" (6.57 m)	24' 10" (7.58 m)
D. Maximum dig height	32' 11" (10.05 m)	32' 7" (9.93 m)	34' 1" (10.39 m)
E. Maximum dump height	23' 3" (7.08 m)	22' 9" (6.39 m)	24' 3" (7.39 m)
F. Digging depth 8' (2.44 m) level bottom	22' 9" (6.94 m)	20' 11" (6.39 m)	24' 5" (7.44 m)
G. Bucket rotation	176°	176°	176°
H. Maximum vertical wall depth	20' 0" (6.10 m)	18' 10" (5.75 m)	22' 00" (6.71 m)



# 300 X4S SPECIFICATIONS

## TRAVEL DIMENSIONS



Undercarriage	STD	OPTION	
A. Shoe Width	31.5" (800 mm)	23.6" (600 mm)	27.5" (700 mm)
B. Overall Width	11' 2" (3.39 m)	10' 6" (3.19 m)	10' 10" (3.29 m)

Cab Specification	C: Cab Height
STD. (No Equipment)	10' 2" (3.10 m)
With Head Guard	10' 7" (3.21 m)
With Vandal Cover	10' 7" (3.21 m)
With Head Guard & Vandal Cover	10' 10" (3.30 m)

## BUCKET SIZES



Scan the QR code to find the right size bucket, thumb, and coupler combination for the 300 X4S.

Or visit [qrco.de/bdtoMd](https://qrco.de/bdtoMd)





# 300 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:

10' 5" (3.18 M) ARM WITH 20' 2" (6.15 M) BOOM 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
25' 0"	lbs													13,150*	13,150*
(7.5m)	kg													5,960*	5,960*
20' 0"	lbs									16,500*	13,400			12,550*	12,150
(6.0m)	kg									7,480*	6,075			5,690*	5,510
15' 0"	lbs							19,950*	18,500	17,850*	13,150			12,550*	10,600
(4.5m)	kg							9,045*	8,390	8,095*	5,960			5,690*	4,805
10' 0"	lbs					29,900*	26,850	22,750*	17,600	18,950	12,700			12,950*	9,800
(3.0m)	kg					13,560	12,175	10,315*	7,980	8,595	5,760			5,870*	4,445
5' 0"	lbs					34,900*	25,150	25,400*	16,750	18,450	12,250			13,850*	9,500
(1.5m)	kg					15,830	11,405	11,520*	7,595	8,365	5,555			6,280*	4,305
Ground	lbs					36,850*	24,250	25,200	16,150	18,050	11,900			14,500	9,650
Line	kg					16,710	10,995	11,430	7,325	8,185	5,395			6,575	4,375
-5' 0"	lbs	16,250*	16,250*	25,650*	25,650*	36,100*	23,950	24,900	15,900	17,900	11,750			15,600	10,350
(-2.0m)	kg	7,370*	7,370*	11,630*	11,630*	16,370	10,860	11,290	7,210	8,115	5,325			7,075	4,690
-10' 0"	lbs	28,750*	28,750*	41,100*	41,100*	32,950*	24,100	24,900*	15,900					18,150	11,950
(-3.5m)	kg	13,040*	13,040*	18,640*	18,640*	14,945	10,930	11,290*	7,210					8,230	5,420
-15' 0"	lbs			35,050*	35,050*	26,500*	24,650	19,250*	16,350					18,150*	15,700
(-5.0m)	kg			15,895*	15,895*	12,020	11,180	8,730*	7,415					8,230*	7,120

### 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, bucket cylinder, and bucket linkage. If the machine is equipped with any of these components the weight of those components must be deducted from the listed lifting capacities.

# 300 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:

8' 8" (2.65 M) ARM WITH 20' 2" (6.15 M) BOOM 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					19,200*	19,150					17,000*	17,000*	17,000*	17,000
(7.5 m)	kgs					8,705*	8,685					7,710	7,710	7,710	7,710
+20' 0"	lbs					19,450*	18,950					16,100*	13,400	16,100*	13,400
(6.0 m)	kg					8,820*	8,595					7,300	6,075	7,300	6,075
+15' 0"	lbs			26,250*	26,250*	21,400*	18,300	19,050*	13,050			16,000*	11,550	16,000*	11,550
(4.5 m)	kg			11,905*	11,905*	9,705*	8,300	8,640*	5,915			7,255	5,235	7,255	5,235
+10' 0"	lbs			32,250*	26,400	24,050*	17,500	18,900	12,700			15,750	10,650	15,750*	10,650
(3.0 m)	kg			14,625*	11,970	10,905*	7,935	8,570	5,760			7,140	4,830	7,140	4,830
+5' 0"	lbs			36,350*	24,950	25,850	16,750	18,500	12,300			15,350	10,300	15,350*	10,300
(1.5 m)	kg			16,485*	11,315	11,725	7,595	8,390	5,575			6,960	4,670	6,960	4,670
Ground	lbs			37,150*	24,350	25,300	16,250	18,200	12,050			15,750	10,550	15,750*	10,550
Line	kg			16,850*	11,040	11,475	7,370	8,255	5,465			7,140	4,785	7,140	4,785
-5' 0"	lbs	25,600*	25,600*	35,400*	24,250	25,100	16,100	18,100	12,000			17,200	11,400	17,200*	11,400
(1.5 m)	kg	11,610*	11,610*	16,055*	10,995	11,385	7,300	8,210	5,440			7,800	5,170	7,800	5,170
-10' 0"	lbs	40,700*	40,700*	31,300*	24,550	23,800*	16,250					19,400*	13,500	19,400*	13,500
(3.0 m)	kg	18,460*	18,460*	14,195*	11,135	10,795*	7,370					8,795	6,120	8,795	6,120
-15' 0"	lbs			23,150*	23,150*							17,900*	17,900*	17,900*	17,900
(4.5 m)	kg			10,500*	10,500*							8,115	8,115	8,115	8,115

### 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, bucket cylinder, and bucket linkage. If the machine is equipped with any of these components the weight of those components must be deducted from the listed lifting capacities.





# 300 X4S SPECIFICATIONS

## LIFT CAPACITIES

### RADIUS OF LOAD:

**12' 0" (3.66 M) ARM WITH 20' 2" (6.15 M) BOOM 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									11,000*	11,000*			10,550*	10,550*
(7.5 m)	kgs									4,985*	4,985*			4,785*	4,785*
+20' 0"	lbs									15,400*	13,500			10,050*	10,050*
(6.0 m)	kg									6,985*	6,120			4,555*	4,555
+15' 0"	lbs							18,500*	18,500*	16,800*	13,200	10,750*	9,750	10,000*	9,650
(4.5 m)	kg							8,390*	8,390*	7,620*	5,985	4,875*	4,420	4,535*	4,375
+10' 0"	lbs					27,650*	27,250	21,450*	17,700	18,250*	12,700	14,250	9,600	10,250*	8,950
(3.0 m)	kg					12,540*	12,360	9,725	8,025	8,275*	5,760	6,460	4,350	4,645*	4,055
+5' 0"	lbs					33,250*	25,300	24,350*	16,750	18,400	12,200	14,000	9,350	10,900*	8,700
(1.5 m)	kg					15,080*	11,475	11,040	7,595	8,345	5,530	6,350	4,240	4,940*	3,945
Ground	lbs			15,050*	15,050*	36,200*	24,150	25,150	16,050	17,950	11,800	13,750*	9,150	11,950*	8,800
Line	kg			6,825*	6,825*	16,420*	10,950	11,405	7,280	8,140	5,350	6,235	4,150	5,420*	3,990
-5' 0"	lbs	14,750*	14,750*	23,850*	23,850*	36,300*	23,700	24,700	15,700	17,700*	11,550			13,750*	9,350
(1.5 m)	kg	6,690*	6,690*	10,815*	10,815*	16,465*	10,750	11,200	7,120	8,02	5,235			6,235*	4,240
-10' 0"	lbs	24,750*	24,750*	35,950*	35,950*	34,000*	23,700	24,600	15,600	17,700	11,550			16,100	10,600
(3.0 m)	kg	11,225*	11,225*	16,305*	16,305*	15,420*	10,750	11,155	7,075	8,025	5,235			7,300	4,805
-15' 0"	lbs			39,300*	39,300*	28,800*	24,150	21,450*	15,900					17,300*	13,300
(4.5 m)	kg			17,825*	17,825*	13,060*	10,950	9,725*	7,210					7,845*	6,030

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