

# 800X<sub>2</sub>

## specifications

Operating Weight: 178,600 lbs (81,000 kg)  
 SAE Net Horsepower:  
 with fan pump 495 HP (369 kW)  
 without fan pump 532 HP (397 kW)  
 Bucket Range: 2.47 - 5.91 yd<sup>3</sup> (1.89 - 4.52 m<sup>3</sup>)

### Engine

Isuzu AH-6WG1XYSS-02 Tier 3 turbocharged diesel engine with electronic fuel control, 6-cylinder, water-cooled, EGR with cooler, air-to-air intercooler, fuel cooler, auto idle-start, neutral safety start, glow plugs, auto warm-up, EPF engine protection, dual stage fuel filtration, remote oil filter, green plug oil drain.

#### SAE net horsepower

with fan pump..... 495 HP (369 kW) @ 1,800 rpm  
 without fan pump..... 532 HP (397 kW) @ 1,800 rpm  
 Displacement ..... 15.7 L  
 Maximum torque..... 1,660 lbf-ft (2,250 N-m) @ 1,500 rpm  
 Starter..... 24V-7.0kW  
 Alternator..... 50 amp  
 Battery ..... 140 amp hours

### Cab and Controls

Pressurized cab with climate control a/c and heat with defroster, LCD monitor, illuminated soft-touch switches, low-effort controls pre-wired for auxiliary hydraulics, control pattern changer, sliding LEXAN® MARGARD® windows, safety glass front window with automatic locking system and vandal cover, intermittent windshield wiper with washer, emergency rear window exit, polycarbonate roof hatch with sunshade, shockless cab suspension with four fluid mountings, KAB® reclining air-suspension seat, sliding 4-position tilting control consoles, AM/FM radio, digital clock, dome light, seat belt, coat hook, cup holder, storage compartments, floor mat, footrests, ashtray, 24-volt cigarette lighter, 12-volt outlet, travel alarm, handrail, mirrors.

Four selectable working modes, anti-theft password protection system, on-board self-diagnostic system with memory, auto-idling system, one-touch decelerator, auto power boost, gate lock safety shutoff.

A/C output..... 18,100 BTU/hr  
 Heater output..... 20,150 BTU/hr  
 Sound level (inside cab) ..... 69.3 dB(A)  
 Sound level (exterior) ..... 105.8 dB(A)

### Hydraulic System

Open-center system, two variable displacement axial piston pumps and one gear pump for pilot controls, main control valve with one 4-spool valve and one 5-spool valve with auxiliary spool - stackable, oil cooler, auto power boost, boom and arm holding valves, o-ring face seals, 6 micron return filter, firewall.

#### Hydraulic Pumps

Maximum flow ..... 2 x 132 gpm (2 x 500 l/min)  
 Pilot pump maximum flow ..... 7.1 gpm (27 l/min)

#### Relief Valve Settings

Boom / Arm / Bucket ..... 4,550 psi (314 bar)  
 in Power-Boost Mode ..... 4,980 psi (343 bar)  
 Swing circuit ..... 3,840 psi (265 bar)  
 Travel circuit ..... 4,980 psi (343 bar)

#### Hydraulic Cylinders

number of cylinders – bore x rod x stroke.  
 Boom ..... 2 – 7.9" x 5.5" x 74.5"  
 (200 mm x 140 mm x 1 893 mm)  
 Arm ..... 1 – 8.5" x 5.9" x 90.2"  
 (215 mm x 150 mm x 2 290 mm)  
 Bucket ..... 1 – 7.5" x 5.1" x 61.2"  
 (190 mm x 130 mm x 1 555 mm)  
 Bucket (Mass excavator) ..... 1 – 8.5" x 5.9" x 59.8"  
 (215 mm x 150 mm x 1 520 mm)

#### Hydraulic Oil Filtration

Return filter ..... 6 micron  
 Pilot filter ..... 8 micron  
 Suction screen ..... 105 micron



### 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 ..... 0 – 6.4 rpm  
 Tail swing ..... 14' 1" (4.30 m)  
 Swing torque ..... 196,600 lbf-ft. (266.5 kN•m)

### Undercarriage

X Pattern carbody with sealed and strutted track chain, sealed rollers and idlers, two-speed independent hydrostatic travel with compact planetary final drive, disc type brakes, adjustable track tension, swivel guard.

Carrier rollers ..... 3 per side  
 Track rollers ..... 9 per side  
 Track link pitch ..... 10.24" (260 mm)  
 Shoes ..... 51 per side  
 Shoe width ..... 29.5" (750 mm)  
 Ground pressure ..... 13.92 psi (0.96 bar)

### Lubricant and Coolant Capacity

Fuel tank ..... 238.0 gal. (900 liters)  
 Hydraulic tank ..... 82.0 gal. (310 liters)  
 Hydraulic system ..... 190.0 gal. (720 liters)  
 Final drive (per side) ..... 3.65 gal. (13.8 liters)  
 Swing drive ..... 3.57 gal. (13.5 liters)  
 Engine oil ..... 13.7 gal. (52 liters)  
 Cooling system ..... 35 gal. (133 liters)

### Travel System

Two-speed independent hydrostatic travel with compact axial piston motors. Hydraulic motor powered output shaft coupled to a planetary reduction unit and track sprocket. All hydraulic components mounted within the width of side frame. Automatic downshift. Spring applied, hydraulically released disc parking brake built into each motor. Each travel motor equipped with counterbalance valve to prevent overspeeding down an incline.

Max. travel speed ..... 1.8 - 2.6 mph (2.9 - 4.2 km/h)  
 Drawbar pull ..... 127,000 lbf (565 kN)  
 Gradeability ..... 70% (35°)

### Attachment

Excavator Boom (Standard) ..... 27' 7" (8.40 m)  
 Excavator Boom (Mass) ..... 23' 9" (7.25 m)

#### Available Arms (Standard)

• 12' 0" (3.66 m) ..... 61,600 lbf (274 kN)  
 with Auto Power-Boost applied ..... 67,440 lbf (300 kN)  
 • 14' 7" (4.44 m) ..... 52,160 lbf (232 kN)  
 with Auto Power-Boost applied ..... 56,880 lbf (253 kN)  
 • 18' 5" (5.62 m) ..... 43,840 lbf (195 kN)  
 with Auto Power-Boost applied ..... 48,110 lbf (214 kN)

#### Digging Force\*

Bucket Digging Force ..... 74,190 lbf (330 kN)  
 with Auto Power-Boost applied ..... 81,160 lbf (361 kN)

#### Available Arms (Mass)

• 9' 9" (2.98 m) ..... 71,260 lbf (317 kN)  
 with Auto Power-Boost applied ..... 78,010 lbf (347 kN)

#### Digging Force\*

Bucket Digging Force ..... 96,670 lbf (430 kN)  
 with Auto Power-Boost applied ..... 105,660 lbf (470 kN)

\*Digging force ratings are based on ISO 6015, "Earthmoving Machinery – Hydraulic Excavators – Tool Forces."

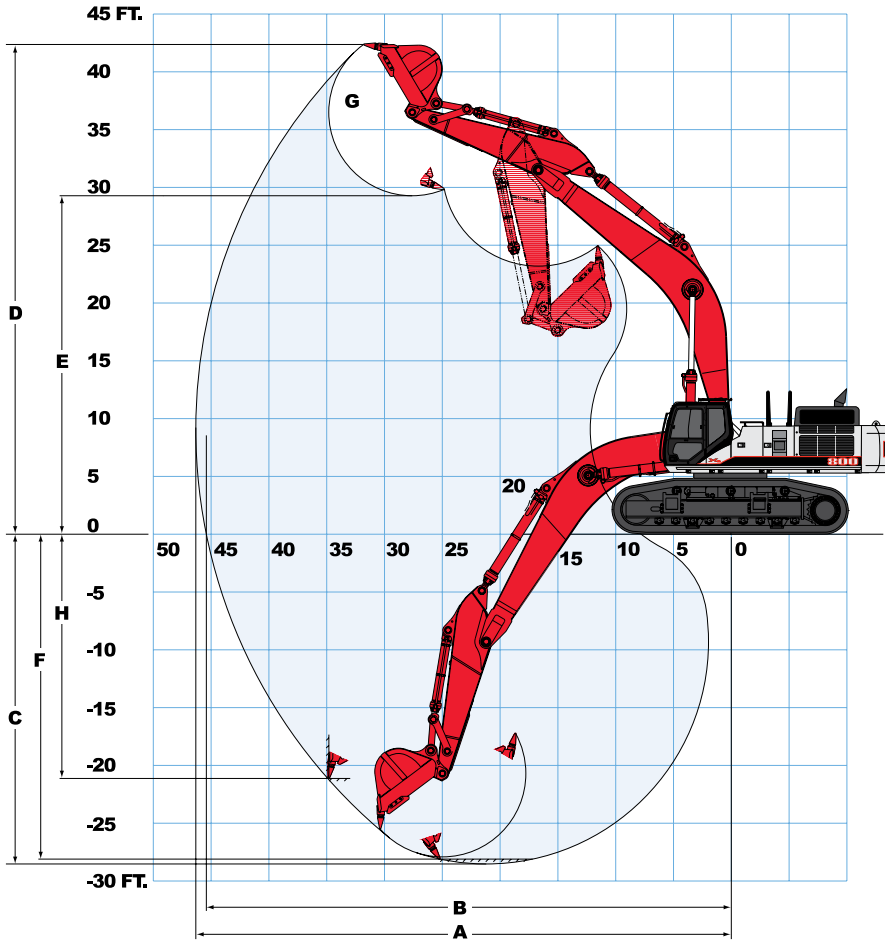
### Operating Weight

**Standard Excavator** - Working weight with 29.5" (750 mm) shoes, 27' 7" (8.40 m) boom, 12' 0" (3.66 m) arm 6,614 lb. (3 000 kg) bucket, 27,600 lb. (12,500 kg) counterweight  
 ..... 178,600 lbs (81,000 kg)

**Mass Excavator** - Working weight with 29.5" (750 mm) shoes, 23' 9" (7.25 m) boom, 9' 9" (2.98 m) arm 7,628 lb. (3 460 kg) bucket, 27,600 lb. (12,500 kg) counterweight  
 ..... 178,800 lbs (81,100 kg)

# 800 X2 Specifications

## Working Ranges

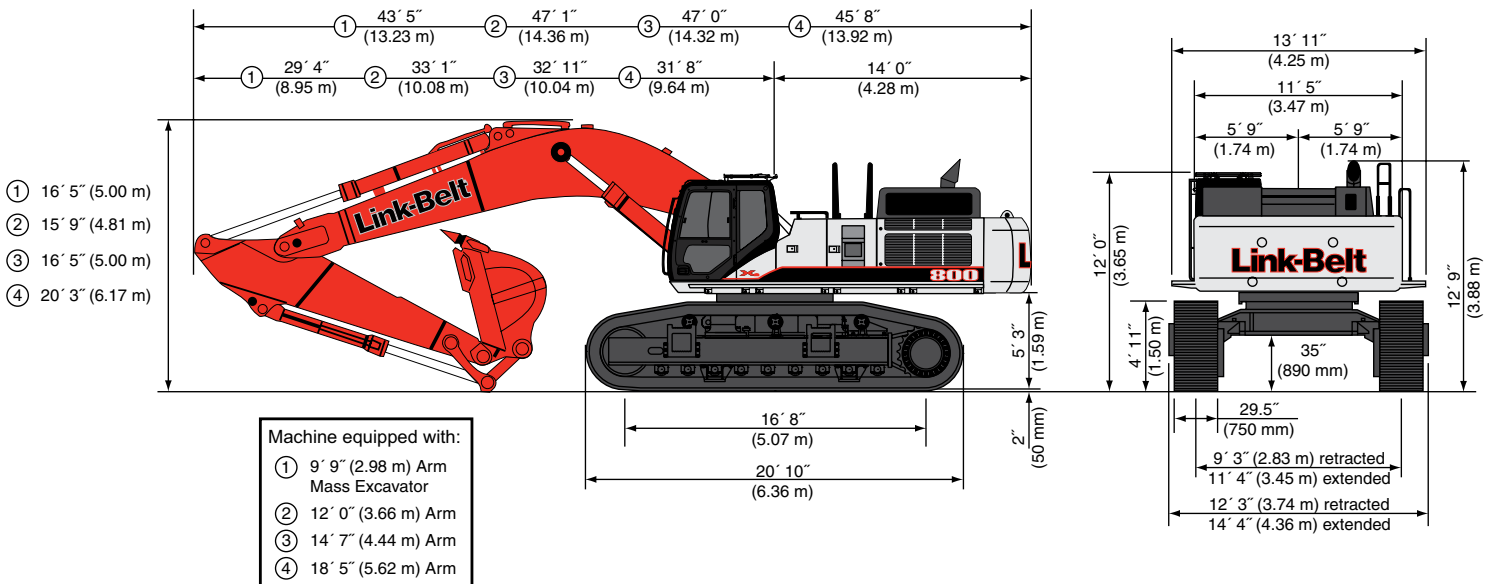


### 800 X2

Machine equipped with 27' 7" (8.40 m) boom	12' 0" Arm (3.66 m)	14' 7" Arm (4.44 m)	18' 5" Arm (5.62 m)
A. Maximum reach	46' 4" (14.12 m)	49' 0" (14.94 m)	52' 10" (16.11 m)
B. Maximum reach @ ground level	45' 5" (13.84 m)	48' 2" (14.68 m)	52' 0" (15.86 m)
C. Maximum dig depth	28' 6" (8.69 m)	31' 1" (9.47 m)	34' 8" (10.56 m)
D. Maximum dig height	42' 4" (12.91 m)	44' 7" (13.60 m)	46' 11" (14.30 m)
E. Maximum dump height	29' 3" (8.92 m)	31' 2" (9.51 m)	33' 4" (10.17 m)
F. Digging depth - 8' (2.44 m) level bottom	28' 1" (8.57 m)	30' 9" (9.36 m)	34' 8" (10.56 m)
G. Bucket rotation	167°	167°	167°
H. Maximum vertical wall depth	21' 2" (6.44 m)	25' 5" (7.75 m)	29' 11" (9.11 m)

### 800 X2 Mass Excavator

Machine equipped with 23' 9" (7.25 m) boom	9' 9" Arm (2.98 m)
A. Maximum reach	40' 5" (12.31 m)
B. Maximum reach @ ground level	39' 4" (11.99 m)
C. Maximum dig depth	23' 1" (7.03 m)
D. Maximum dig height	38' 7" (11.76 m)
E. Maximum dump height	25' 11" (7.89 m)
F. Digging depth - 8' (2.44 m) level bottom	22' 7" (6.88 m)
G. Bucket rotation	162°
H. Maximum vertical wall depth	13' 11" (4.25 m)



# 800 X2 Specifications

## Lifting Capacities 800 X2

12' 0" (3.66 m) Arm with 27' 7" (8.40 m) Boom and 6,600 lb. (2 994 kg) Bucket with Power-Boost Applied

		Radius of Load														Cap. at Max. Reach	
		10' 0" (3.05 m)		15' 0" (4.57 m)		20' 0" (6.10 m)		25' 0" (7.62 m)		30' 0" (9.14 m)		35' 0" (10.66 m)		40' 0" (12.19 m)		End	Side
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+35' 0"	lbs															13,650*	13,650*
10.66 m	(kg)															6 192*	6 192*
+30' 0"	lbs															13,100*	13,100*
9.14 m	(kg)															5 942*	5 942*
+25' 0"	lbs									28,150*	28,150*	25,950*	25,650			12,900*	12,900*
7.62 m	(kg)									12 769*	12 769*	11 771*	11 635			5 851*	5 851*
+20' 0"	lbs									30,150*	30,150*	27,450*	25,200	17,700*	17,700*	12,950*	12,950*
6.10 m	(kg)									13 676*	13 676*	12 451*	11 431	8 029*	8 029*	5 874*	5 874*
+15' 0"	lbs			65,950*	65,950*	48,600*	48,600*	38,600*	38,600*	32,650*	31,800*	28,850*	24,200	25,600*	18,600	13,300*	13,300*
4.57 m	(kg)			29 915*	29 915*	22 045*	22 045*	17 509*	17 509*	14 810*	14 424*	13 086*	10 977	11 612*	8 437	6 033*	6 033*
+10' 0"	lbs					55,400*	55,400*	43,900*	40,500	35,200*	30,150	30,350*	23,100	26,650*	17,950	13,900*	13,900*
3.05 m	(kg)					25 129*	25 129*	19 913*	18 371	15 967*	13 676	13 767*	10 478	12 088*	8 142	6 305*	6 305*
+5' 0"	lbs			37,400*	37,400*	60,900*	53,300	47,850*	38,000	37,800*	28,550	31,600*	22,100	27,350*	17,350	14,800*	14,100
1.52 m	(kg)			16 965*	16 965*	27 624*	24 177	21 705*	17 237	17 146*	12 950	14 334*	10 025	12 406*	7 870	6 713*	6 396
Ground	lbs			43,950*	43,950*	63,850*	51,000	49,500*	36,250	39,400*	27,350	32,550*	21,250	27,600*	16,900	16,100*	14,700
Line	(kg)			19 936*	19 936*	28 962*	23 134	22 453*	16 443	17 872*	12 406	14 765*	9 639	12 519*	7 666	7 303*	6 668
-5' 0"	lbs	42,550*	42,550*	52,500*	52,500*	63,500*	50,550	49,300*	35,350	39,600*	26,600	32,600*	20,750	27,000*	16,650	18,000*	16,050
-1.52 m	(kg)	19 301*	19 301*	23 814*	23 814*	28 804*	22 929	22 362*	16 035	17 963*	12 066	14 787*	9 412	12 247*	7 552	8 165*	7 280
-10' 0"	lbs	48,950*	48,950*	69,100*	69,100*	61,050*	50,900	47,950*	35,300	38,600*	26,350	31,400*	20,600			20,850*	18,500
3.05 m	(kg)	22 204*	22 204*	31 344*	31 344*	27 692*	23 088	21 750*	16 012	17 509*	11 952	14 243*	9 344			9 458*	8 392
-15' 0"	lbs	64,700*	64,700*	72,650*	72,650*	56,300*	51,500*	44,650*	35,750	35,700*	26,650	27,700*	21,050				
4.57 m	(kg)	29 348*	29 348*	32 954*	32 954*	25 538*	23 360*	20 253*	16 216	16 194*	12 088	12 565*	9 548				
-20' 0"	lbs	79,950*	79,950*	61,150*	61,150*	48,200*	48,200*	38,150*	36,350	29,150*	27,450						
6.10 m	(kg)	36 265*	36 265*	27 738*	27 738*	21 864*	21 864*	17 305*	16 488	13 222*	12 451						
-25' 0"	lbs					34,750*	34,750*	25,350*	25,350*								
7.62 m	(kg)					15 763*	15 763*	11 499*	11 499*								

14' 7" (4.44 m) Arm with 27' 7" (8.40 m) Boom and 6,378 lb. (2 893 kg) Bucket with Power-Boost Applied

		Radius of Load																Cap. at Max. Reach	
		10' 0" (3.05 m)		15' 0" (4.57 m)		20' 0" (6.10 m)		25' 0" (7.62 m)		30' 0" (9.14 m)		35' 0" (10.66 m)		40' 0" (12.19 m)		45' 0" (13.72 m)		End	Side
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
+40' 0"	lbs																	9,100*	9,100*
12.19 m	(kg)																	4 128*	4 128*
+35' 0"	lbs																	8,250*	8,250*
10.66 m	(kg)																	3 742*	3 742*
+30' 0"	lbs											20,050*	20,050*					7,800*	7,800*
9.14 m	(kg)											9 095*	9 095*					3 538*	3 538*
+25' 0"	lbs											24,000*	24,000*	14,850*	14,850*			7,600*	7,600*
7.62 m	(kg)											10 886*	10 886*	6 736*	6 736*			3 447*	3 447*
+20' 0"	lbs											27,750*	27,750*	25,450*	25,050	21,500*	19,600	7,550*	7,550*
6.10 m	(kg)											12 587*	12 587*	11 544*	11 363	9 752*	8 891	3 425*	3 425*
+15' 0"	lbs							35,650*	35,650*	30,450*	30,450*	27,050*	24,750	24,200*	19,000			7,750*	7,750*
4.57 m	(kg)							16 171*	16 171*	13 812*	13 812*	12 270*	11 227	10 977*	8 618			3 515*	3 515*
+10' 0"	lbs			72,300*	72,300*	53,850*	53,850*	41,050*	41,050*	33,300*	30,900	28,850*	23,550	25,750*	18,300	11,450*	11,450*	8,050*	8,050*
3.05 m	(kg)			32 795*	32 795*	24 426*	24 426*	18 620*	18 620*	15 105*	14 016	13 086*	10 682	11 680*	8 301	5 194*	5 194*	3 651*	3 651*
+5' 0"	lbs			45,150*	45,150*	60,100*	55,100	45,900*	39,000	36,400*	29,150	30,450*	22,450	26,600*	17,550	13,000*	13,000*	8,650*	8,650*
1.52 m	(kg)			20 480*	20 480*	27 261*	24 993	20 820*	17 690	16 511*	13 222	13 812*	10 183	12 066*	7 961	5 897*	5 897*	3 924*	3 924*
Ground	lbs	23,400*	23,400*	43,950*	43,950*	63,500*	52,050	48,700*	36,900	38,550*	27,700	31,900*	21,500	27,200*	16,950			9,450*	9,450*
Line	(kg)	10 614*	10 614*	19 936*	19 936*	28 804*	23 610	22 090*	16 738	17 486*	12 565	14 470*	9 752	12 338*	7 689			4 287*	4 287*
-5' 0"	lbs	35,050*	35,050*	51,500*	51,500*	64,100*	50,700	49,400*	35,600	39,500*	26,750	30,500*	20,800	27,300*	16,500			10,600*	10,600*
-1.52 m	(kg)	15 899*	15 899*	23 360*	23 360*	29 076*	22 998	22 408*	16 148	17 917*	12 134	14 742*	9 435	12 383*	7 484			4 808*	4 808*
-10' 0"	lbs	42,700*	42,700*	60,050*	60,050*	62,650*	50,650	48,700*	35,200	39,100*	26,250	32,050*	20,450	26,200*	16,400			12,350*	12,350*
3.05 m	(kg)	19 369*	19 369*	27 239*	27 239*	28 418*	22 975	22 090*	15 967	17 736*	11 907	14 538*	9 276	11 884*	7 439			5 602*	5 602*
-15' 0"	lbs	53,350*	53,350*	76,600*	76,600*	59,200*	51,250	46,500*	35,350	37,300*	26,300	30,000*	20,550					15,000*	15,000*
4.57 m	(kg)	24 200*	24 200*	34 746*	34 746*	26 853*	23 247	21 092*	16 035	16 919*	11 930	13 608*	9 321					6 804*	6 804*
-20' 0"	lbs	70,350*	70,350*	68,750*	68,750*	52,950*	51,200	41,750*	36,050	32,950*	26,850	24,350*	21,250						
6.10 m	(kg)	31 911*	31 911*	31 185*	31 185*	24 018*	23 224	18 938*	16 352	14 946*	12 179	11 045*	9 639						
-25' 0"	lbs			54,450*	54,450*	42,500*	42,500*	32,900*	32,900*	23,100*	23,100*								
7.62 m	(kg)			24 699*	24 699*	19 278*	19 278*	14 923*	14 923*	10 478*	10 478*								



# 800 X2 Specifications

## Bucket Sizes 800 X2

Bucket Type	SAE Heaped Capacity (yd <sup>3</sup> ) (m <sup>3</sup> )		Width Outside Lip (in) (mm)		Bucket Weight (lbs) (kg)		Number of Teeth	Standard Excavator			Mass Excavator
								12'-0" 3.66 m	14'-6" 4.42 m	18'-5" 5.61 m	9'-9" 2.98 m
HDP	2.53	1.93	42	1067	6403	2904	4	H	H	H	H
	3.00	2.29	48	1219	6803	3086	4	H	H	M	H
	3.48	2.66	54	1372	7203	3267	4	H	M	L	H
	3.96	3.03	60	1524	7780	3529	5	M	M	L	H
	4.45	3.40	66	1676	8180	3710	5	M	L	N/A	H
	4.94	3.78	72	1829	8580	3892	5	L	L	N/A	H
	5.42	4.14	78	1981	9157	4154	6	L	N/A	N/A	H
	5.91	4.52	84	2134	9557	4335	6	L	N/A	N/A	M
XDP	2.47	1.89	45	1143	6470	2935	4	H	H	H	H
	3.26	2.49	56	1422	7211	3271	4	H	H	M	H
	3.99	3.05	66	1676	8061	3656	5	M	M	L	H
	4.43	3.39	72	1829	8466	3840	5	M	L	N/A	H
	5.30	4.05	84	2134	9451	4287	6	L	N/A	N/A	H

HDP - Heavy duty plate  
XDP - Extreme duty plate

**Approval Code For Arm/Bucket Combinations**

H..... Heavy material  
(up to 3,370 lbs./yd<sup>3</sup>)

M..... Medium material  
(up to 2,700 lbs./yd<sup>3</sup>)

L..... Light material  
(up to 2,020 lbs./yd<sup>3</sup>)

N/A..... Not applicable

### Notes: Excavator lifting capacities

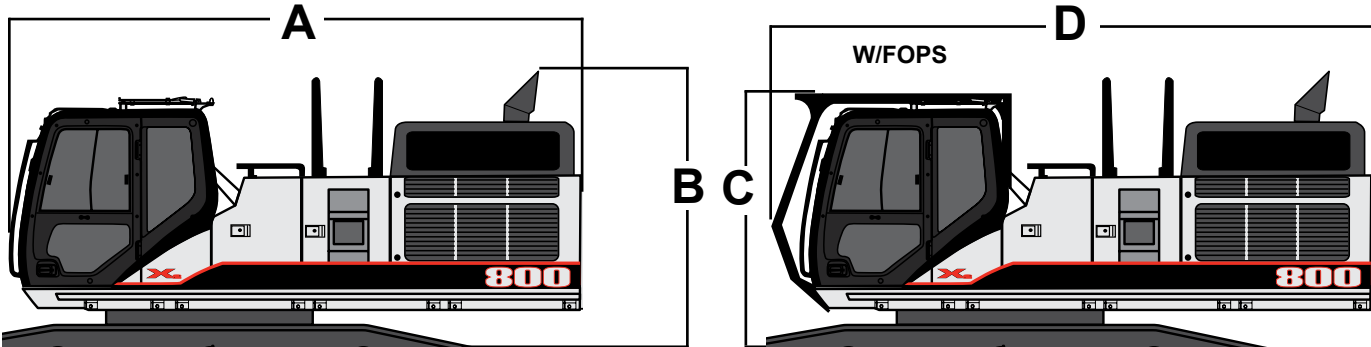
- Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities.
- Lifting capacities are based on machine standing on firm, uniform supporting surface. User must make allowances for job conditions such as soft or uneven ground.
- Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. **Capacities marked with an asterisk (\*) are limited by hydraulic capacities.**
- Least stable position is over the side.
- Operator should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX before operating the machine.
- Capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.
- Lift capacity ratings are based on SAE J1097, "Earthmoving Machinery – Hydraulic Excavators – Lift Capacity".



# 800 X2 Specifications

## Preliminary Transportation Specifications

### Upper Structure w/TTB Counterweight and Lower Cross Frame

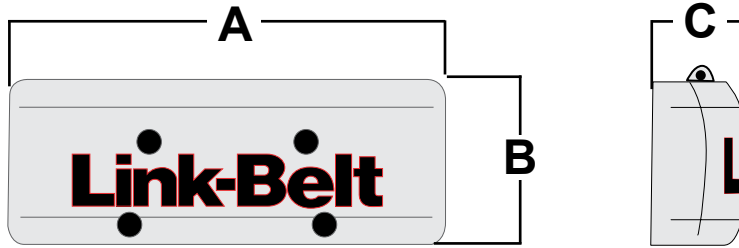


Weight: 55,778 lbs. (25 300 kg)  
 Weight: W/FOPS 56,284 lbs. (25 530 kg)

Dimension A: 17' 8" (5.38 m)  
 Dimension B: 9' 9" (2.96 m)  
 Dimension C: 9' 2" (2.80 m)  
 Dimension D: 19' 3" (5.88 m)

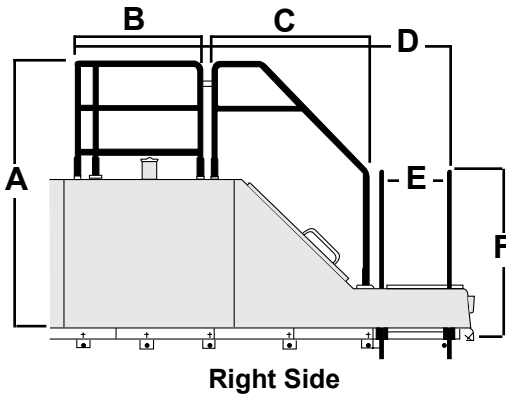
**FOPS Head Guard:**  
 (Optional)  
 Weight: 506 lbs. (230 kg)

### Counter Weight

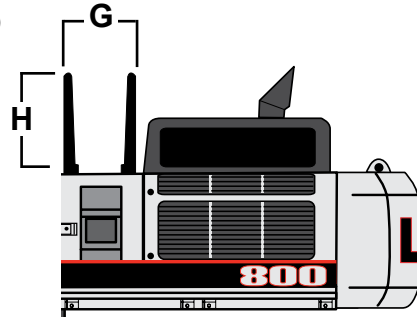


Weight: 27,600 lbs. (12 500 kg)  
 Dimension A: 11' 5" (3.47 m)  
 Dimension B: 4' 7" (1.39 m)  
 Dimension C: 2' 9" (.83 m)

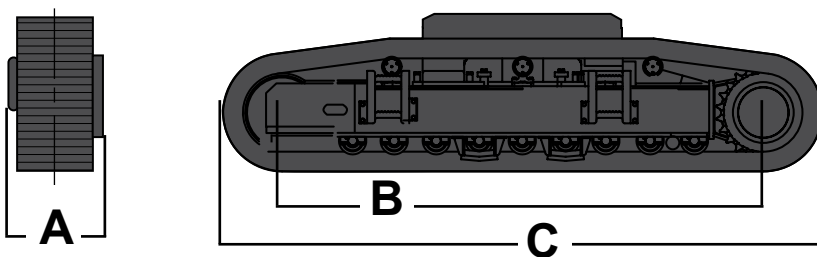
### Hand Rails



Total Weight: 159 lbs. (72 kg)  
 Dimension A: 6' 5" (1.95 m)  
 Dimension B: 1' 9" (.54 m)  
 Dimension C: 1' 6" (.47 m)  
 Dimension D: 5' 11" (1.80 m)  
 Dimension E: 1' 8" (.50 m)  
 Dimension F: 5' 0" (1.53 m)  
 Dimension G: 1' 11" (.60 m)  
 Dimension H: 2' 9" (.84 m)



### Undercarriage



#### Side Frame with Steps:

Shoe Width	Weight: (per side)
26" (650 mm)	27,558 lbs. (12 500 kg)
30" (750 mm)	28,440 lbs. (12 900 kg)
36" (900 mm)	29,542 lbs. (13 400 kg)

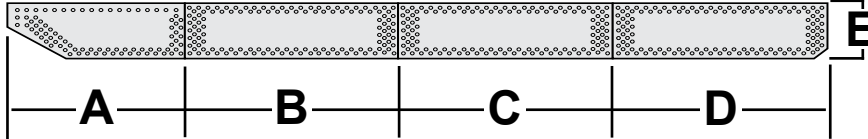
**Dimension A:**  
 W/ 26" (650 mm) shoes - 39.8" (1012 mm)  
 W/ 30" (750 mm) shoes - 39.8" (1012 mm)  
 W/ 36" (900 mm) shoes - 39.8" (1012 mm)

**Dimension B:** 16' 8" (5070 mm)  
**Dimension C:** 20' 10" (6355 mm)

# 800 X2 Specifications

## Preliminary Transportation Specifications

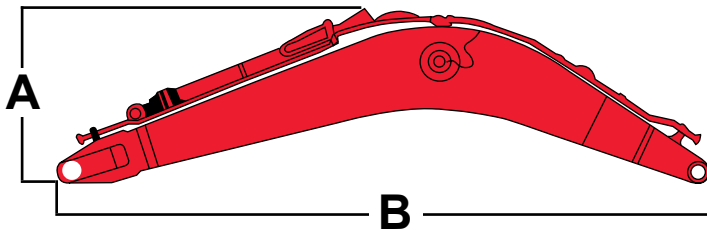
### Catwalk



Boom with Arm Cylinder and Piping

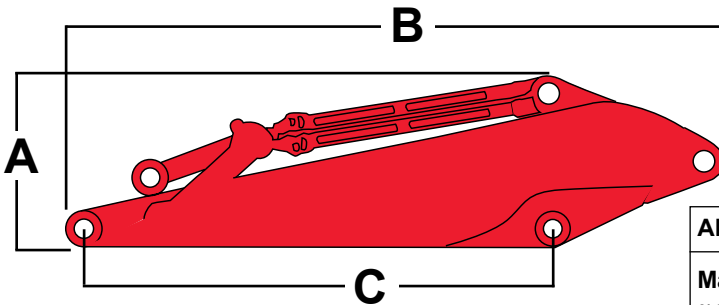
#### Weight:

Right side - 3 sections  
 Total weight: 414 lbs. (188 kg)  
 Left side - 4 sections  
 Total weight: 454 lbs. (206 kg)  
 Dimension A: 3' 6" (1.06 m)  
 Dimension B: 4' 3" (1.29 m)  
 Dimension C: 4' 3" (1.29 m)  
 Dimension D: 4' 3" (1.29 m)  
 Dimension E: 1' 4" (400 mm)



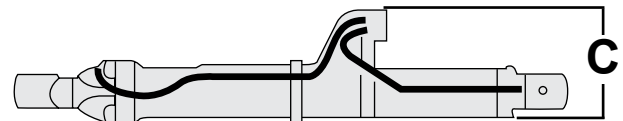
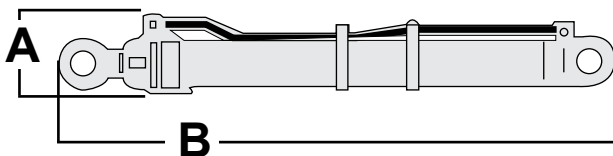
BOOM	A	B	Width	Weight
<b>Standard</b>	7' 7" (2.31 m)	28' 9" (8.75 m)	4' 10" (1.47 m)	18,298 lbs. (8 300 kg)
<b>Mass</b>	8' 5" (2.56 m)	25' 9" (7.85 m)	4' 10" (1.47 m)	17,196 lbs. (7 800 kg)

### Arm with Bucket Cylinder and Linkage



ARM	A	B	C	Width	Weight
<b>Mass</b> 9' 9" (2.98 m) arm	4' 11" (1.50 m)	14' 5" (4.38 m)	9' 9" (2.98 m)	2' 5" (.735 m)	9,370 lbs. (4 250 kg)
<b>Standard</b> 12' 0" (3.66 m) arm	4' 7" (1.39 m)	17' 1" (5.20 m)	12' 0" (3.66 m)	2' 5" (.735 m)	9,039 lbs. (4 100 kg)
<b>Standard</b> 14' 7" (4.44 m) arm	4' 3" (1.29 m)	19' 5" (5.91 m)	14' 7" (4.44 m)	2' 5" (.735 m)	9,312 lbs. (4 224 kg)
<b>Standard</b> 18' 5" (5.62 m) arm	4' 2" (1.28 m)	23' 2" (7.06 m)	18' 5" (5.62 m)	2' 5" (.735 m)	10,478 lbs. (4 752 kg)

### Boom Cylinder



**Boom Cylinder:** Weight: 1,775 lbs. (805 kg)  
 Dimension A: 1' 3" (.40 m)  
 Dimension B: 9' 7" (2.93 m)  
 Dimension C: 2' 2" (.67 m)

# 800 X2 Specifications

## Standard Equipment

- KAB 855 sliding/reclining air-suspension seat with adjustable 4-inch armrests, lumbar support and retractable seat belt
- Safety glass front window with auto lock, windshield wiper and washer with intermittent speeds, Lexan® side and rear tinted windows
- 4-position tilting consoles with memory position and hydraulic lock-out
- Auto climate control a/c and heat
- AM/FM stereo with mute button, horn, interior light, digital clock, hour meter, floor mat, cup holder, sun shade, storage, LH and RH rear view mirrors
- Travel alarm with cancel switch
- Vandal guarding with bolt-on FOG capability
- EPA Tier III Isuzu diesel engine
- Common rail fuel injection
- Turbocharger with intercooler
- Neutral safety start
- Idle start
- Glow plug pre-heat
- Auto engine warm-up
- Reversible cooling fan
- Auto idling system
- One-touch idle
- Dual remote fuel filters with water separation
- Double element air filter with in-cab restriction indicator
- Reversible fan
- External fuel gauge
- Remote, full-flow engine oil filter
- Green plug engine oil drain
- EPF Engine Protection
- Emergency engine stop
- Open-center hydraulic system
- Four selectable work modes including attachment mode
- Auto power boost
- Auto swing priority
- Pre-set auxiliary pump settings - 10
- Auxiliary valve
- Stackable main control valve
- Auxiliary pipe brackets
- Control levers pre-wired for auxiliary
- Control pattern changer
- Long undercarriage
- Sealed and lubricated track chain
- Two-speed with auto shift and straight travel
- Planetary drive
- Spring-applied, hydraulic release brake
- Hydraulic track adjust
- Swivel guard belly pan
- Track guides
- Vandal locks with common key
- 27,600 lb (12,500 kg) counterweight with lifting eyes
- Hand rail
- Tool box
- Catwalks
- EMS (Extended Maintenance System) 1,000 hour service interval throughout entire attachment except bucket
- HD bucket linkage
- Attachment cushion valve
- Arm and boom speed assistance
- Arm and boom regeneration
- Arm and boom holding valves
- Cylinder cushion
- Centralized lube bank
- Bucket anti-clatter device
- Illuminated LCD service monitor
- On-board diagnostic system
- Anti-theft device
- 12-volt accessory outlet
- 70-watt work lights on boom and upper

## Options

- Booms
  - 27-ft 7-in (8.40 m) Standard
  - 23-ft 9-in (7.25 m) Mass
- Arms
  - 9-ft 9-in (2.98 m)
  - 12-ft 0-in (3.60 m)
  - 14-ft 7-in (4.44 m)
  - 18-ft 5-in (5.62 m)
- Tracks
  - 36-in (900 mm) 3-bar grouser
  - 26-in (650 mm) 2-bar grouser
  - 30-in (750 mm) 2-bar grouser
- Hydraulics
  - Single-acting with switch activation
  - Multi-function with switch activation
  - Thumb hydraulics with switch activation
- Coupler
  - ESCO quick-coupler
- Hydraulic counterweight removal
- Free swing
- Fog guard
- Front guard - mesh or bars
- Full-length track guards



LBX Company is the proud maker of quality Link-Belt excavators and is located in Lexington, KY.

Litho in USA 2/12 #LBX2203 (supersedes #LBX2171)

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