

ENGINE

Model	Isuzu AL-6HK1X Tier 4 Interim Certified (Cooled EGR)
Fuel	Requires ultra low-sulfur fuel B5 biodiesel tolerant
Type	Water-cooled, 4-cycle, high pressure common rail system. Turbo-charged with air cooled intercooler, DPD system
Cylinders	6-cylinder in-line
Displacement	475 cu in (7.8 L)
Bore/Stroke	4.53 in x 4.92 in (115 x 125 mm)
Fuel injection	Direct injection (electronic)
Fuel filter	Replaceable, full flow spin-on cartridge
Air filter	Dry type element w/ warning restriction indicator
Oil filter	Replaceable, full flow spin-on cartridge
Engine oil operation angle ratings:	
Side-to-side	Rated 35°
Fore and aft	Rated 35°
Net horsepower – SAE J1349	266 hp (198 kW) @ 1900 RPM
Net Maximum torque – SAE J1349	769 lb-ft (1043 N-m) @ 1500 RPM
Cooling	110° to -13°F (43° to -25°C) at 55% concentration
Oil	Requires low-ash oil (CJ-4)

SERVICE CAPACITIES

Fuel tank	153 gal (580 L)
Hydraulic system	92 gal (350 L)
Hydraulic tank	46 gal (175 L)
Engine oil w/filter	13 gal (49 L)
Swing drive	5.3 qt (5 L)
Final drive (each side)	11.6 qt (11 L)
Cooling system	9.4 gal (35.4 L)

ELECTRICAL

Voltage	24 volts
Alternator rating	50 amp
Batteries	2 x 12-volt
Battery reserve capacity	128 Ah / 5 hour
Work Lights (2)	24 Volt / 70 watt (1 x boom / 1 x upper)

SWING MECHANISM

Swing speed	0-9.7 RPM
Swing torque	82,630 lb-ft (112 000 N-m)
Swing brake	Mechanical disc

UNDERCARRIAGE

Length	16 ft 4 in (4.98 m)
Track gauge	8 ft 6 in (2.6 m)
Carrier rollers	2 per side
Track rollers	8 per side
Shoes –	
Triple grouser	48 per side
Shoe width (std.)	31.5 in (800 mm)
Link pitch	8.5 in (216 mm)
Track –	
Chain	Grease lubricated / strutted
Guides	Double
Adjustment	Hydraulic

GROUND PRESSURE

@ Standard operating weight	7.25 psi (0.51 bar)
w/ 31.5 in (800 mm) triple semi-grouser shoes	

HYDRAULICS

System design	Open center
Main pumps	Two-variable displacement / axial piston Max. rated flow: 2 x 72.3 gpm (2 x 285 L/min)
System pressures –	
Boom, arm & bucket	4,970 psi (350 bar)
Boom, arm & bucket w/ power boost	5,410 psi (380 bar)
Travel circuits	4,970 psi (350 bar)
Swing circuits	4,410 psi (310 bar)
Pilot pump	1 x gear design Max. capacity 7.5 gpm (28.5 L/min)
Controls with boom/arm holding valve –	
Right track travel, bucket, boom and arm acceleration	Four-spool section
Left track travel, auxiliary, swing, boom acceleration	Five-spool section
Work Mode Selections –	SP: Speed Priority H: Heavy Duty A: Automatic
Swing motor	Fixed displacement axial piston
Swing final drive	Planetary gear reduction
Travel motor	Two-speed independent travel / axial piston

HYDRAULIC CYLINDERS

Boom cylinder	Two (2)
Bore diameter	5.7 in (145 mm)
Rod diameter	3.9 in (100 mm)
Stroke	58.9 in (1495 mm)
Arm cylinder	One (1)
Bore diameter	6.7 in (170 mm)
Rod diameter	4.7 in (120 mm)
Stroke	68.8 in (1748 mm)
Bucket cylinder	One (1)
Bore diameter	5.9 in (150 mm)
Rod diameter	4.1 in (105 mm)
Stroke	47.6 in (1210 mm)

DRIVETRAIN

Travel control –	Dual stage relief / counter balance design Single pedal travel / straight travel
Brakes	Mechanical disc type
Service brakes	SAHR disc (each motor)
Two speed travel –	Automatic downshift
Max high speed	3.4 mph (5.4 kph)
Max. low speed	2.0 mph (3.2 kph)
Drawbar pull	59,100 lbf (263 kN)
Gradeability	70% (35°)

CAB AND CONTROLS

Air conditioner output	18,100 BTU/hr
Heater output	20,150 BTU/hr
Sound level – ISO6395 (inside cab)	71.0 dBa
Electrical outlet	12 volt
Cab interior light (1)	10 watt
Rear-view camera (1)	Standard
Seat	Air-suspension

ATTACHMENTS

Boom	21 ft 2 in (6.45 m)
Arm options	10 ft 8 in (3.25 m) 8 ft 8 in (2.63 m) 13 ft 3 in (4.04 m)
Bucket digging force*	51,440 lbf (228.8 kN)
w/ Auto Power-Boost	55,840 lbf (248.4 kN)
*Digging force ratings based on ISO6015	

OPERATING WEIGHT

Operating weight	80,000 lb (36 300 kg)
w/ shoes	31.5 in (800 mm)
w/ boom	21 ft 2 in (6.45 m)
w/ arm	10 ft 8 in (3.25 m)
w/ bucket	2,579 lb (1170 kg)
w/ counterweight	16,300 lb (5400 kg)
w/ operator, full fuel, standard equipment	

LIFT CAPACITIES

10 ft 8 in (3.25 m) Arm Lift capacities calculated using a 2,577 lb (1169 kg) bucket, 16,300 lb (5400 kg) counterweight.

Load (Lift Point) Height	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		25 ft (7.5 m)		30 ft (9 m)		35 ft (10.5 m)		MAXIMUM REACH					
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE			
+30 ft (9 m)															26.54 ft (8.23 m)	8,600 lbs* (3870 kg)*	8,600 lbs* (3870 kg)*			
+25 ft (7.5 m)										14,100 lbs* (6630 kg)*	14,100 lbs* (6630 kg)*	9,700 lbs* (5220 kg)*	9,700 lbs* (5220 kg)*		30.48 ft (9.36 m)	8,050 lbs* (3630 kg)*	8,050 lbs* (3630 kg)*			
+20 ft (6 m)										16,250 lbs* (7440 kg)*	15,800 lbs* (7310 kg)*	14,750 lbs* (6750 kg)*	11,550 lbs* (5390 kg)		33.03 ft (10.11 m)	7,850 lbs* (3560 kg)*	7,850 lbs* (3560 kg)*			
+15 ft (4.5 m)										20,900 lbs* (9680 kg)*	20,900 lbs* (9680 kg)*	17,850 lbs* (8240 kg)*	15,400 lbs* (7170 kg)	15,850 lbs* (7,300 kg)*	11,200 lbs* (5330 kg)*	3880 kg)	3930 kg)	34.55 ft (10.55 m)	7,900 lbs* (3600 kg)*	7,900 lbs* (3600 kg)*
+10 ft (3 m)			46,800 lbs* (18 020 kg)*	46,800 lbs* (18 020 kg)*	34,000 lbs* (15 850 kg)*	32,450 lbs* (15 050 kg)	24,800 lbs* (11 490 kg)*	21,000 lbs* (9740 kg)	20,100 lbs* (9280 kg)*	14,700 lbs* (6820 kg)	16,700 lbs* (7750 kg)	10,800 lbs* (5030 kg)	9,300 lbs* (5330 kg)*	8,150 lbs* (3800 kg)	35.2 ft (10.73 m)	8,200 lbs* (3720 kg)*	8,000 lbs* (3630 kg)			
+5 ft (1.5 m)			17,650 lbs* (7510 kg)*	17,650 lbs* (7510 kg)*	39,500 lbs* (18 100 kg)*	30,450 lbs* (14 130 kg)	28,050 lbs* (12 970 kg)*	19,750 lbs* (9160 kg)	21,700 lbs* (10 070 kg)	13,950 lbs* (6490 kg)	16,250 lbs* (7520 kg)	10,400 lbs* (4840 kg)	9,250 lbs* (5480 kg)*	7,950 lbs* (3710 kg)	35.09 ft (10.69 m)	8,700 lbs* (4280 kg)*	7,900 lbs* (3680 kg)			
Ground- line			23,750 lbs* (10 530 kg)*	23,750 lbs* (10 530 kg)*	41,300 lbs* (18 970 kg)*	28,950 lbs* (13 450 kg)	29,800 lbs* (13 770 kg)*	18,800 lbs* (8730 kg)	21,200 lbs* (9850 kg)	13,400 lbs* (6230 kg)	15,900 lbs* (7390 kg)	10,050 lbs* (4690 kg)			34.2 ft (10.42 m)	9,600 lbs* (4340 kg)*	8,150 lbs* (3690 kg)			
-5 ft (-1.5 m)	23,500 lbs* (10 520 kg)*	23,500 lbs* (10 520 kg)*	32,150 lbs* (14 290 kg)*	32,150 lbs* (14 290 kg)*	41,100 lbs* (18 980 kg)*	28,650 lbs* (13 330 kg)	29,750 lbs* (13 820 kg)*	18,350 lbs* (8530 kg)	20,850 lbs* (9690 kg)*	13,100 lbs* (6090 kg)	15,750 lbs* (7320 kg)	9,950 lbs* (4620 kg)			32.49 ft (9.91 m)	10,950 lbs* (4960 kg)*	8,800 lbs* (3980 kg)			
-10 ft (-3 m)	32,350 lbs* (14 520 kg)*	32,350 lbs* (14 520 kg)*	43,300 lbs* (19 170 kg)*	43,300 lbs* (19 170 kg)*	39,100 lbs* (18 070 kg)*	28,900 lbs* (13 450 kg)	28,950 lbs* (13 390 kg)*	18,450 lbs* (8580 kg)	20,950 lbs* (9730 kg)	13,250 lbs* (6140 kg)		7370 kg)	4710 kg)		29.86 ft (9.13 m)	13,350 lbs* (6010 kg)*	10,150 lbs* (4570 kg)			
-15 ft (-4.5 m)	43,050 lbs* (19 190 kg)*	43,050 lbs* (19 190 kg)*	48,200 lbs* (22 350 kg)*	48,200 lbs* (22 350 kg)*	34,400 lbs* (15 970 kg)*	29,600 lbs* (13 750 kg)	25,650 lbs* (11 950 kg)*	19,000 lbs* (8800 kg)	18,650 lbs* (8840 kg)*	13,800 lbs* (6420 kg)					26.06 ft (8.01 m)	16,300 lbs* (7420 kg)*	12,650 lbs* (5820 kg)			
-20 ft (-6 m)			34,300 lbs* (16 220 kg)*	34,300 lbs* (16 220 kg)*	25,150 lbs* (11 940 kg)*	25,150 lbs* (11 940 kg)*	17,100 lbs* (8410 kg)*	17,100 lbs* (8410 kg)*							20.58 ft (6.4 m)	15,550 lbs* (7130 kg)*	15,550 lbs* (7130 kg)*			

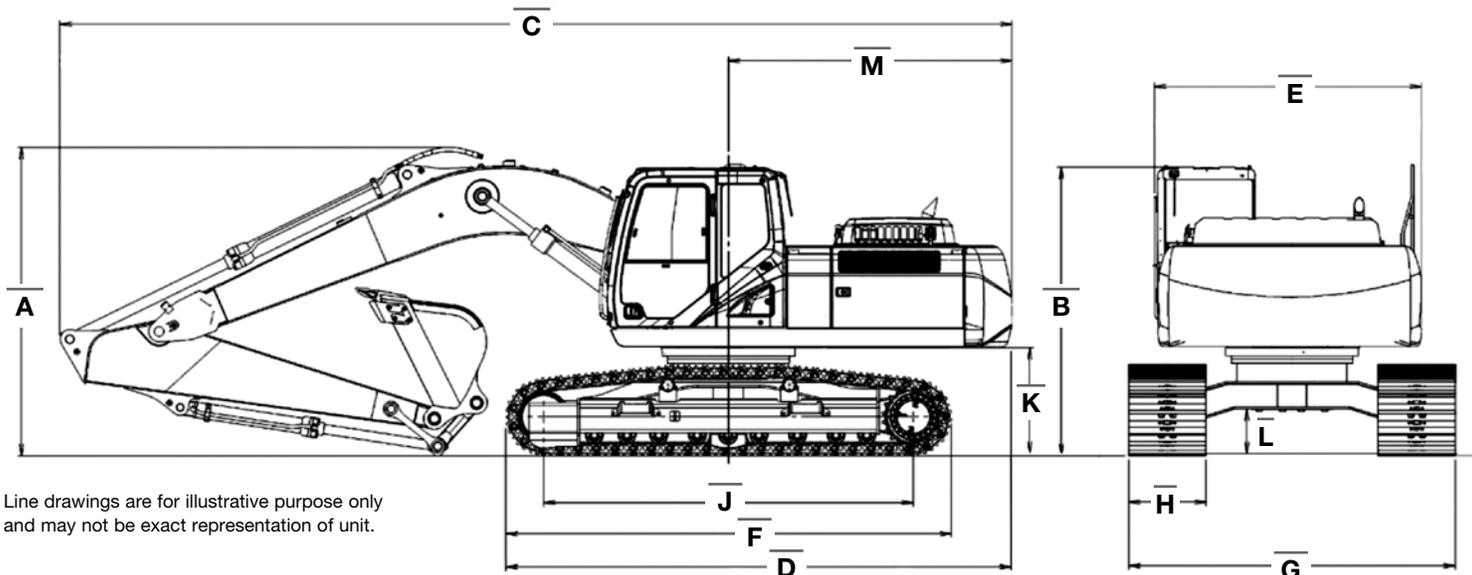
13 ft 3 in (4.04 m) Arm Lift capacities calculated using a 2,577 lb (1169 kg) bucket, 16,300 lb (5400 kg) counterweight.

Load (Lift Point) Height	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		25 ft (7.5 m)		30 ft (9 m)		35 ft (10.5 m)		MAXIMUM REACH			
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE	
+30 ft (9 m)																29.76 ft (9.19 m)	6,700 lbs* (3010 kg)*	6,700 lbs* (3010 kg)*
+25 ft (7.5 m)																33.26 ft (10.2 m)	6,250 lbs* (2830 kg)*	6,250 lbs* (2830 kg)*
+20 ft (6 m)																35.58 ft (10.88 m)	6,100 lbs* (2780 kg)*	6,100 lbs* (2780 kg)*
+15 ft (4.5 m)																36.98 ft (11.29 m)	6,200 lbs* (2810 kg)*	6,200 lbs* (2810 kg)*
+10 ft (3 m)																37.59 ft (11.46 m)	6,400 lbs* (2910 kg)*	6,400 lbs* (2910 kg)*
+5 ft (1.5 m)																37.48 ft (11.42 m)	6,800 lbs* (3090 kg)*	6,800 lbs* (3090 kg)*
Ground- line	11,800 lbs* (5290 kg)*	11,800 lbs* (5290 kg)*	25,500 lbs* (11 250 kg)*	25,500 lbs* (11 250 kg)*	40,250 lbs* (18 610 kg)*	28,950 lbs* (13 450 kg)	28,650 lbs* (13 240 kg)*	18,750 lbs* (8700 kg)	21,100 lbs* (9810 kg)	13,300 lbs* (6180 kg)	15,750 lbs* (7320 kg)	9,900 lbs* (5700 kg)	12,250 lbs* (5700 kg)	7,600 lbs* (3550 kg)	36.66 ft (11.17 m)	7,450 lbs* (3480 kg)*	7,000 lbs* (3280 kg)	
-5 ft (-1.5 m)	20,550 lbs* (9230 kg)*	20,550 lbs* (9230 kg)*	30,550 lbs* (13 580 kg)*	30,550 lbs* (13 580 kg)*	40,850 lbs* (18 850 kg)*	28,000 lbs* (13 020 kg)	29,400 lbs* (13 660 kg)	18,000 lbs* (8360 kg)	20,550 lbs* (9560 kg)	12,800 lbs* (5960 kg)	15,450 lbs* (7180 kg)	9,650 lbs* (4480 kg)	8,900 lbs* (5280 kg)*	7,550 lbs* (3500 kg)	35.07 ft (10.7 m)	8,500 lbs* (3840 kg)*	7,500 lbs* (3400 kg)	
-10 ft (-3 m)	27,950 lbs* (12 530 kg)*	27,950 lbs* (12 530 kg)*	38,700 lbs* (17 180 kg)*	38,700 lbs* (17 180 kg)*	39,950 lbs* (18 440 kg)*	28,050 lbs* (13 040 kg)	29,100 lbs* (13 480 kg)*	17,900 lbs* (8310 kg)	20,450 lbs* (9520 kg)	12,750 lbs* (5920 kg)	15,500 lbs* (7190 kg)	9,650 lbs* (4490 kg)			32.65 ft (9.98 m)	10,150 lbs* (4580 kg)*	8,450 lbs* (3820 kg)	
-15 ft (-4.5 m)	38,300 lbs* (17 030 kg)*	38,300 lbs* (17 030 kg)*	50,600 lbs* (22 670 kg)*	50,600 lbs* (22 670 kg)*	36,850 lbs* (17 070 kg)*	28,550 lbs* (13 260 kg)	27,250 lbs* (12 640 kg)*	18,200 lbs* (8450 kg)	20,450 lbs* (9500 kg)	13,100 lbs* (6060 kg)					29.2 ft (8.96 m)	13,200 lbs* (5890 kg)*	10,250 lbs* (4590 kg)	
-20 ft (-6 m)			42,750 lbs* (20 040 kg)*	42,750 lbs* (20 040 kg)*	30,300 lbs* (14 200 kg)*	28,800 lbs* (13 400 kg)	22,150 lbs* (10 470 kg)*	18,750 lbs* (8720 kg)							24.35 ft (7.53 m)	15,000 lbs* (6870 kg)*	13,850 lbs* (6130 kg)	

8 ft 8 in (2.63 m) Arm Lift capacities calculated using a 2,577 lb (1169 kg) bucket, 16,300 lb (5400 kg) counterweight.

Load (Lift Point) Height	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		25 ft (7.5 m)		30 ft (9 m)		MAXIMUM REACH				
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE		
+25 ft (7.5 m)															28.51 ft (8.77 m)	11,350 lbs* (5130 kg)*	11,350 lbs* (5130 kg)*
+20 ft (6 m)															31.25 ft (9.57 m)	11,000 lbs* (4980 kg)*	10,000 lbs* (4500 kg)
+15 ft (4.5 m)															32.86 ft (10.03 m)	11,000 lbs* (5000 kg)*	8,900 lbs* (4010 kg)
+10 ft (3 m)															33.56 ft (10.23 m)	11,300 lbs* (5120 kg)*	8,350 lbs* (3780 kg)
+5 ft (1.5 m)															33.44 ft (10.19 m)	11,850 lbs* (5390 kg)*	8,250 lbs* (3730 kg)
Ground- line															32.5 ft (9.91 m)	12,950 lbs* (5880 kg)*	8,550 lbs* (3870 kg)
-5 ft (-1.5 m)	21,300 lbs* (9190 kg)*	21,300 lbs* (9190 kg)*	32,150 lbs* (14 290 kg)*	32,150 lbs* (14 290 kg)*	39,950 lbs* (18 440 kg)*	28,200 lbs* (13 130 kg)	29,200 lbs* (13 560 kg)*	17,900 lbs* (8330 kg)	20,500 lbs* (9520 kg)	12,750 lbs* (5930 kg)	15,550 lbs* (7220 kg)	9,750 lbs* (4520 kg)			30.7 ft (9.37 m)	14,750 lbs* (6670 kg)*	9,400 lbs* (4250 kg)
-10 ft (-3 m)	35,600 lbs* (15 950 kg)*	35,600 lbs* (15 950 kg)*	46,750 lbs* (20 670 kg)*	46,750 lbs* (20 670 kg)*	36,900 lbs* (17 060 kg)*	28,650 lbs* (13 330 kg)	27,600 lbs* (12 780 kg)*	18,200 lbs* (8450 kg)	20,550 lbs* (9550 kg)	13,100 lbs* (6060 kg)					27.9 ft (8.54 m)	16,500 lbs* (7450 kg)*	11,050 lbs* (4970 kg)
-15 ft (-4.5 m)			41,600 lbs* (19 330 kg)*	41,600 lbs* (19 330 kg)*	30,800 lbs* (14 340 kg)*	28,950 lbs* (13 470 kg)	22,850 lbs* (10 720 kg)*	18,800 lbs* (8750 kg)							23.8 ft (7.33 m)	15,650 lbs* (7150 kg)*	14,400 lbs* (6440 kg)

*Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.

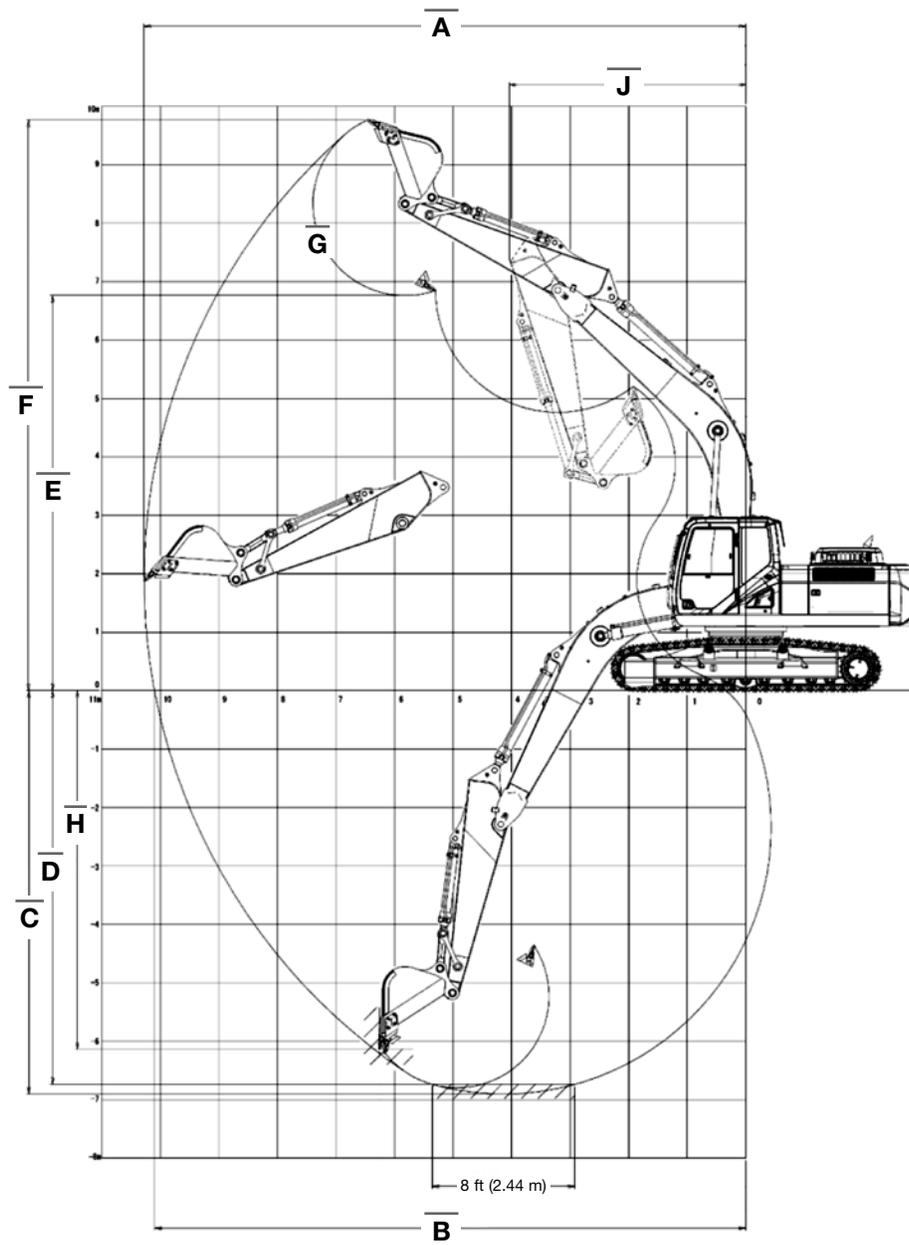


Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

	13 ft 3 in (4.04 m) Arm	10 ft 8 in (3.25 m) Arm	8 ft 8 in (2.63 m) Arm
A. Overall height (w/ attachment)	11 ft 10 in (3.62 m)	11 ft 3 in (3.42 m)	11 ft 11 in (3.64 m)
B. Cab height	10 ft 2 in (3.11 m)	10 ft 2 in (3.11 m)	10 ft 2 in (3.11 m)
C. Overall length (w/ attachment)	36 ft 9 in (11.2 m)	36 ft 7 in (11.1 m)	36 ft 9 in (11.2 m)
D. Overall length (w/o attachment)	19 ft 9 in (6.01 m)	19 ft 9 in (6.01 m)	19 ft 9 in (6.01 m)
E. Width of upperstructure	9 ft 11 in (3.02 m)	9 ft 11 in (3.02 m)	9 ft 11 in (3.02 m)
E. Width of upperstructure w/catwalks	11 ft 9 in (3.58 m)	11 ft 9 in (3.58 m)	11 ft 9 in (3.58 m)
F. Track overall length	16 ft 4 in (4.98 m)	16 ft 4 in (4.98 m)	16 ft 4 in (4.98 m)
G. Track overall width w/ 31.5 in (800 mm) shoes	11 ft 2 in (3.40 m)	11 ft 2 in (3.40 m)	11 ft 2 in (3.40 m)
H. Track shoe width	31.5 in (800 mm)	31.5 in (800 mm)	31.5 in (800 mm)
J. Center to center (idler to sprocket)	13 ft 3 in (4.04 m)	13 ft 3 in (4.04 m)	13 ft 3 in (4.04 m)
K. Upperstructure ground clearance	4 ft 0 in (1.21 m)	4 ft 0 in (1.21 m)	4 ft 0 in (1.21 m)
L. Minimum ground clearance	19 in (0.48 m)	19 in (0.48 m)	19 in (0.48 m)
M. Rear tail swing radius	11 ft 8 in (3.55 m)	11 ft 8 in (3.55 m)	11 ft 8 in (3.55 m)
Operating weight*	80,000 lb (36 300 kg)	80,000 lb (36 300 kg)	80,000 lb (36 300 kg)
Ground pressure	7.25 psi (0.51 bar)	7.25 psi (0.51 bar)	7.25 psi (0.51 bar)

*With 31.5 in (800 mm) track shoe, 2,544 lb (1154 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.



PERFORMANCE SPECS

	13 ft 3 in (4.04 m) Arm	10 ft 8 in (3.25 m) Arm	8 ft 8 in (2.63 m) Arm
A. Maximum dig radius	39 ft 1 in (11.9 m)	36 ft 8 in (11.17 m)	35 ft 0 in (10.67 m)
B. Maximum dig radius at groundline	38 ft 5 in (11.72 m)	36 ft 0 in (10.98 m)	34 ft 4 in (10.47 m)
C. Maximum dig depth	26 ft 8 in (8.14 m)	24 ft 1 in (7.34 m)	22 ft 1 in (6.73 m)
D. Dig depth – 8 ft 0 in (2.44 m) level bottom	26 ft 3 in (8.01 m)	23 ft 7 in (7.19 m)	21 ft 6 in (6.55 m)
E. Dump height	24 ft 9 in (7.54 m)	23 ft 9 in (7.23 m)	23 ft 5 in (7.14 m)
F. Maximum reach height	35 ft 0 in (10.67 m)	34 ft 0 in (10.37 m)	33 ft 10 in (10.32 m)
G. Bucket rotation	173°	173°	173°
H. Maximum vertical wall dig depth	23 ft 5 in (7.15 m)	20 ft 10 in (6.35 m)	19 ft 7 in (5.97 m)
J. Minimum swing radius	13 ft 3 in (4.03 m)	13 ft 1 in (3.98 m)	13 ft 4 in (4.05 m)
Arm digging force			
Standard	31,586 lb (140.5 kN)	36,846 lb (163.9 kN)	43,838 lb (195.0 kN)
Power Boost	34,306 lb (152.6 kN)	40,016 lb (178.0 kN)	47,435 lb (211.0 kN)
Bucket digging force			
Standard	51,436 lb (228.8 kN)	51,436 lb (228.8 kN)	51,436 lb (228.8 kN)
Power Boost	55,843 lb (248.4 kN)	55,843 lb (248.4 kN)	55,843 lb (248.4 kN)

* Machine equipped with 21 ft 2 in (6.45 m) boom.

STANDARD EQUIPMENT

ENGINE

Isuzu six-cylinder turbo-charged diesel
Tier 4 Interim Certified (CEGR)
Electronic fuel injection
High pressure common rail system
Diesel Particulate Defuser System (DPD)
Neutral safety start
Auto-engine warm up
Glow-plug pre-heat
FEA (Fuel Economy Assist System)
EPF (Engine Protection Feature)
Dual-stage fuel filtration
Dual element air filter
Remote oil filter
Green plug oil drain
500-hour engine oil change interval
24-volt system
Requires CJ-4 engine oil
Requires Ultra-low sulfur fuel

FUEL ECONOMY SYSTEMS

Engine Idle / Fuel Economy System:
Auto-idle
One-touch idle
Idle shut-down
BEC - boom economy control
AEC - auto economy control
SWC - swing relief control
SSC - spool stroke control

HYDRAULICS

Auto power boost
Auto swing priority
Auto travel speed change
Selectable work modes

ISO pattern controls
Pre-set auxiliary pump settings

HYDRAULICS (continued)

Auxiliary valve
Auxiliary pipe brackets
5,000-hour hydraulic oil change interval
1,000-hour hydraulic filter change interval
Hydraulic track adjustment
SAHR brake

UPPERSTRUCTURE

Right and left side mirrors
Isolation mounted cab (fluid and spring)
Common key vandal locks
Upper mounted work light (70 watt)
Swivel guard belly pan

ATTACHMENTS

Boom – 21 ft 2 in (6.45 m)
Arm – 10 ft 8 in (3.25 m)
Heavy-duty bucket linkage
Boom mounted work light (70 watt)
Auxiliary pipe brackets
Centralized grease fittings
Attachment cushion valve
Arm and boom regeneration

OPERATOR STATION

ROPS protection
FOPS cab top guard (Level 1)
Pressurized cab
One-touch lock front window
AC/heat/defrost w/ auto climate control
Color monitor – 7 in (180 mm)
Interior dome light

Air-suspension seat (cloth)
Seat belt

OPERATOR STATION (continued)

Adjustable armrests
Tilting consoles - 4-position
Low-effort joystick controls
Sliding cockpit – 7 in (180 mm)
Controls pre-wired for auxiliary
Single pedal travel
Straight travel
AM/FM radio w/ antenna and 2 speakers
Aux-in port for personal electronics
Rear-view camera
Anti-theft system (start code system)
Rubber floormat
12-volt electric socket
24-volt cigarette lighter
External rear view mirrors
Windshield wiper / washer
Clear (polycarbonate) roof window w/ sunshade
Cup holder
Storage compartments
Warm / cool storage compartment
On-board diagnostic system
Travel alarm with cancel switch
One key start & lock-up

UNDERCARRIAGE

31.5 in (800 mm) steel shoes, triple semi-grouser
Full overlap turntable bearing tub
Single track chain guides
Hydraulic track adjustment
X-pattern carbody

OPTIONAL EQUIPMENT

HYDRAULICS

Auxiliary hydraulics –
Single acting / joystick activated
Double acting / joystick activated
Multi-function w/ pressure control /
joystick activated (five programmable
pre-sets on monitor)
Secondary low-flow / joystick activated

ATTACHMENTS

Heavy-duty boom – 21 ft 2 in (6.45 m)
Heavy-duty arm – 8 ft 8 in (2.63 m)
Heavy-duty arm – 10 ft 8 in (3.25 m)
Arm – 13 ft 3 in (4.04 m)
Coupler / Case multi-pin grabber
Buckets: Heavy duty / Extreme duty
Load holding control

ATTACHMENTS (continued)

Free swing (order kit through Service Parts)
Hose Burst Check Valve (HBCV)

OPERATOR STATION

Control pattern selector
FOPS cab top guard (Level 2)
Front grill guard – 2 x 2 in (50.8 x 50.8 mm)
screen mesh
Front rock guard - vertical bars
(two piece) / OPG 1
Front rock guard - vertical bars
(one piece) / OPG 2
Vandal guard
Rain deflector
Sun visor
Side-view camera

UPPERSTRUCTURE

Refueling pump
Rubber bumper guard
(order through Service Parts)
Catwalk - left and right side

UNDERCARRIAGE

27.6 in (700 mm) steel shoes, triple semi-grouser
33.5 in (850 mm) steel shoes, triple semi-grouser
Track guides - triple

BUCKETS

Application	Width	SAE Heaped Capacity
General purpose	30 in to 60 in (0.76 to 1.52 m)	1.26 yd ³ to 2.93 yd ³ (0.96 m ³ to 2.24 m ³)
Heavy-duty	30 in to 54 in (0.76 to 1.37 m)	1.22 yd ³ to 2.53 yd ³ (0.93 m ³ to 1.93 m ³)
Extreme-duty	30 in to 48 in (0.76 to 1.22 m)	1.12 yd ³ to 2.04 yd ³ (0.86 m ³ to 1.56 m ³)
Ditching	72 in (1.83 m)	2.20 yd ³ (1.68 m ³)

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NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Case Construction Equipment Inc. does not warrant the safety or reliability of attachments from other manufacturers.

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