

HYDRAULIC EXCAVATOR

ENGINE

Brand	ISUZU
Model	GH-6HK1X
Type	4-stroke engine, water-cooled, 6-cylinders-in-line common rail injection system, turbocharged with air-cooled, intercooler with tier 3 emission certification.
Rating power	
Net (SAE J1349, ISO 9249)	270.78 hp (202 kW) @ 2000 rpm
Gross (ISO 14396)	284.18 hp (212 kW) @ 2000 rpm
Piston displacement	7790 cc
Maximum torque	
Net (SAE J1349, ISO 9249)	729.45 lbf.ft (989 Nm) @ 1500 rpm
Gross (ISO 14396)	752.31 lbf.ft (1020 Nm) @ 1500 rpm
Bore and stroke	4.5 x 4.9 in (115 x 125 mm)
Voltage	24 V
Alternator	50 A
Starter	24 V 5,0 kW

ELECTRICAL SYSTEM

Engine control	
1 - Dial type throttle control	
2 - One Touch Idle / automatic deceleration / automatic idling shutdown system	
3 - Emergency stop	
Lights	
1 - Work lights	
Top	24 V 70 W X 1
Boom	24 V 70 W X 2
Cabin	24 V 70 W X 2
2 - Operator's	
Cabin compartment	24 V 10 W X 1
Battery	2 X 12 V 128 Ah/5hr
Safety	
1 - Travel alarm	
2 - Double horn	
Wire harness	Waterproof connectors

HYDRAULIC SYSTEM

Main pumps	2 axial piston pumps and variable flow with adjustment system
1 - Max. oil flow @ 1800 rpm	2 x 64.2 gpm (243 l/min)
2 - Work circuit pressure	
Boom/Arm/Bucket	4975 psi (34.3 MPa)
Swing circuit	5410 psi (37.3 MPa) with auto power-up
Travel circuit	4409 psi (30.4 MPa)
Pilot pump	1 gear pump
1 - Max. oil flow	7 gpm (27 l/min)
2 - Working circuit pressure	565 psi (3.9 MPa)
Control valves	
	With boom and arm retention valve.
	One 4-spool valve for the acceleration of the arm, boom, bucket and movement of the right track.
	One 5-spool valve for the movement of the left track, auxiliary, swing, arm, and boom acceleration.
Swing device	
1 - Motor	Axial Piston with fixed displacement
2 - Brake	Mechanical disk brake
3 - Final drive	Planetary gear reduction
4 - Turn table bearing	Ball bearing type with internal gear
5 - Max. swing speed	11 rpm
6 - Swing torque	67.9 lbf.ft (92,1 Nm)
Cylinder Qty Diam.Bore x Diam.Rod x Stroke	
Boom 2	5.5 in x 3.7 in x 4 ft 5.8 in (140 mm) (95 mm) (1369 mm)
Arm 1	5.9 in x 4.1 in x 5 ft 1.7 in (150 mm) (105 mm) (1569 mm)
Bucket 1	5.3 in x 3.5 in x 3 ft 6.4 in (135 mm) (90 mm) (1078 mm)
Filters	
Suction filter	105 µm
Return filter	6 µm
Pilot line filter	8 µm

HYDRAULIC CONTROLS

Boom/Arm/Bucket/Swing	Pilot pressure control system (ISO pattern control)
Travel	Pilot pressure control system
Work mode selection	
1 - Mode - SP	
2 - Mode - H	
3 - Mode - Auto	
Travel mode selection	(2 speeds)
Attachment cushion control	
Hydraulic lock	(door block, left side tilt console)

MONITOR SYSTEM

1 - Message screen (Warning. Situation, etc...)
2 - Work mode screen (SP, H, Auto)
3 - Machine condition (Power boost, etc...)
4 - Alarm and buzzer screen
5 - Water temperature
6 - Hydraulic oil temperature
7 - Fuel level
8 - Diagnostic system

OPERATOR'S ENVIRONMENT

Operator's cabin

- 1 - Presurized cabin with round shape and smooth design
- 2 - Safety glass on all windows
- 3 - Cabin suspension through 4 hydraulic dampers
- 4 - Sliding front window with automatic lock
- 5 - Full color LCD screen included
- 6 - Windscreen wipers and washer
- 7 - AM/FM radio with automatic tuner
- 8 - Floor carpet
- 9 - Ceiling hatch of polycarbonate and sun protection
- 10 - Automatic air conditioning
- 11 - Top FOPS defense level 1 (on the cabin's chassis)
- 12 - Rollover protection structure (ROPS)
- 13 - Noise level Internal 71 dBa (According to ISO 6396)

OPERATOR'S SEAT

Low frequency mechanic suspension with helical spring and double acting hydraulic damper.

(Achieving the EM 6 category in ISO 7096)

With the following characteristics

- 1 - Manual weight adjustment
- 2 - Backrest angle adjustment
- 3 - Seat height adjustment, adjustable armrest attached to the consoles
- 4 - Adjustable headrest
- 5 - Retractable seatbelt
- 6 - Adjustable back support
- 7 - The control consoles are adjusted independently from the seat

Other

- 1 - Rear view mirror (cabin side and right side)

UNDERCARRIAGE

Travel motor	Axial piston motor with variable piston displacement
Brake	Mechanical disk brake
Hydraulic service brake	Brake valve
Final drive	Planetary gear reduction
Travel speeds	
High	3.5 mph (5.7 km/h) (automatic speed change)
Low	2.0 mph (3.3 km/h)
Drawbar push	52380 lbf (233 kN)
Number of upper rollers	2 (on each side)
Number of lower rollers	9 (on each side)
Number of shoes	46 on each side
Version with blade	50 on each side
Type of shoes	Triple grousers
Link pitch	7.9" (203,2 mm)
Shoes width - STD	1' 11" (600 mm)
Grade-ability	70% (35°)

OPERATING WEIGHT

Operating weight	65697 lb (29.800 kg) With 10' 5" (3,18 m) arm, 1.7 yd ³ (1,3 m ³) bucket, 1' 11" (600 mm) shoes, operator, lubricant, coolant and full fuel tank.
Shipping weight	62611 lb (28.400 kg) Operating weight – Operator's weight 165 lb (75 kg) + 90% of the fuel weight + bucket weight 2094 lb (950 kg)
Counterweight	11684 lb (5.300 kg)
Ground pressure	8.25 psi (0,58 kgf/cm ²) With 10' 5" (3,18 m) arm, 1.7 yd ³ (1,3 m ³) bucket, 1' 11" (600 mm) track shoes.

DIGGING FORCE

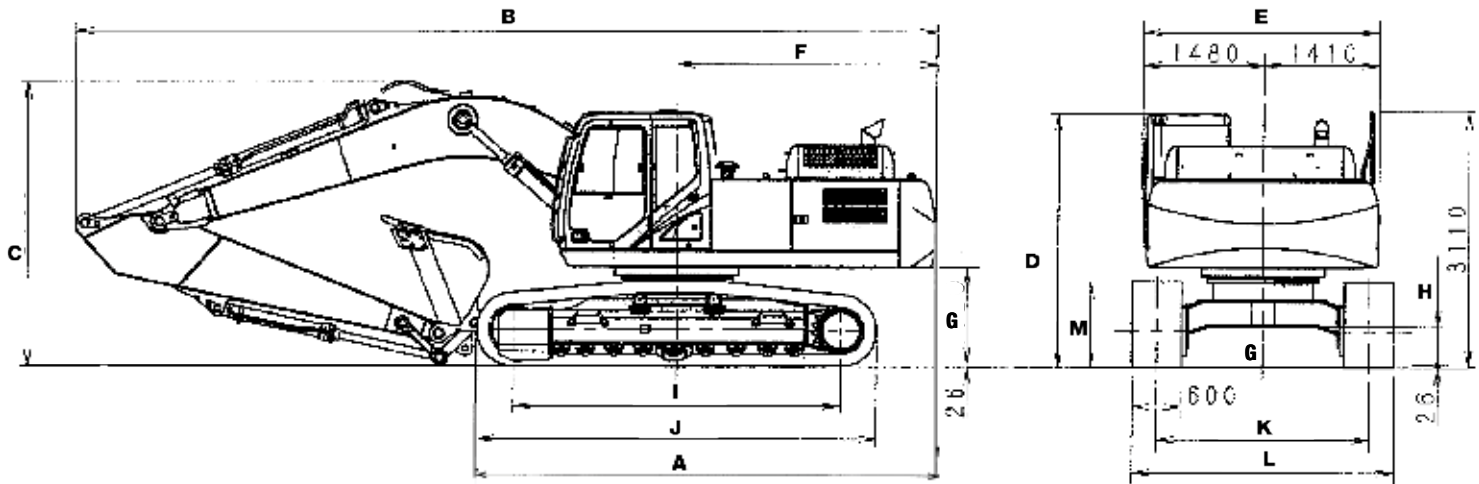
WITH 1.7 YD³ (1,3 M³) BUCKET

ISO 6015	10 ft 5 in (3,18 m)	8 ft 8 in (2,65 m)	12 ft (3,66 m)
Arm digging force	27336 lbf (121,6 kN)	31518 lbf (140,2 kN)	24684 lbf (109,8 kN)
With auto power-up	29764 lbf (132,4 kN)	34395 lbf (153 kN)	26684 lbf (118,7 kN)
Bucket digging force	39251 lbf (174,6 kN)	39251 lbf (174,6 kN)	39251 lbf (174,6 kN)
With auto power-up	42758 lbf (190,2 kN)	42758 lbf (190,2 kN)	42758 lbf (190,2 kN)

COOLING SYSTEM

Fan	2' 9.5" (850 mm) with 6 blades
Radiator capacity	138.5 hp (103,3 kW)
Fins type	Corrugated blade (Wave type)
Distance between Fins	0.07" (2 mm)
Oil radiator capacity	78.2 hp (58,3 kW)
Distance between Fins	0.06" (1,75 mm)
Interchanger capacity	22.4 hp (16,7 kW)
Fins type	Straight
Fuel radiator capacity	2.5 hp (1,9 kW)
Distance between Fins	0.08" (2,25 mm)

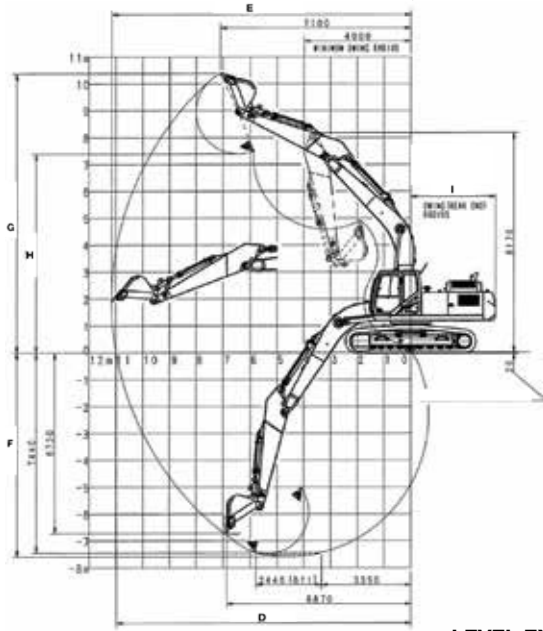
DIMENSIONS



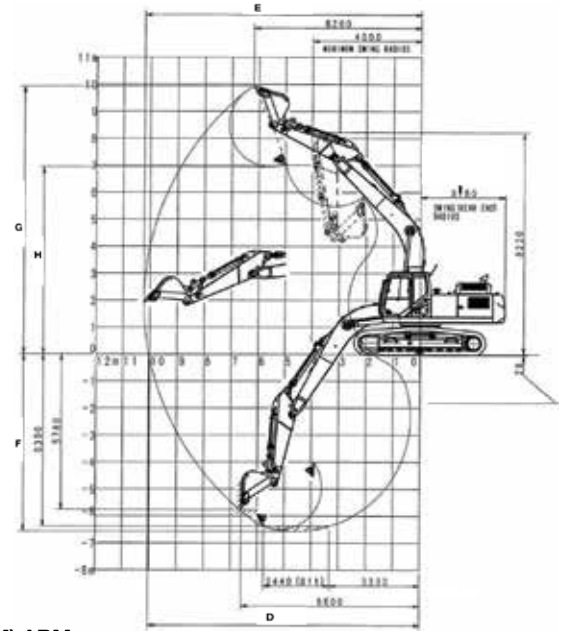
Arm	10 ft 5 in (3,18 m)	8 ft 8 in (2,65 m)	12 ft (3,66 m)
A. Total length (without accessory)	18' 7.9" (5580 mm)	18' 7.9" (5580 mm)	18' 7.9" (5580 mm)
B. Total length (with accessory)	34' 8.2" (10450 mm)	34' 2.5" (10480 mm)	34' 4.4" (10470 mm)
C. Total height (with accessory)	10' 9.6" (3260 mm)	10' 6.2" (3340 mm)	11' 7.2" (3460 mm)
D. Cabin height	10' 6.3" (3090 mm)	10' 6.3" (3090 mm)	10' 6.3" (3090 mm)
E. Upper structure total width	9' 3.5" (2890 mm)	9' 3.5" (2890 mm)	9' 3.5" (2890 mm)
F. Swing radius	10' 4.8" (3160 mm)	10' 4.8" (3160 mm)	10' 4.8" (3160 mm)
G. Clearance height under upper structure	3' 0.9" (1180 mm)	3' 0.9" (1180 mm)	3' 0.9" (1180 mm)
H. Minimum distance to ground	1' 9" (470 mm)	1' 9" (470 mm)	1' 9" (470 mm)
I. Distance between shafts (from center to center of the wheels)	13' 3.3" (3980 mm)	13' 3.3" (3980 mm)	13' 3.3" (3980 mm)
J. Full track length	15' 4.1" (4850 mm)	15' 4.1" (4850 mm)	15' 4.1" (4850 mm)
K. Track gauge	8' 8.7" (2600 mm)	8' 8.7" (2600 mm)	8' 8.7" (2600 mm)
L. Undercarriage overall width with 1' 11" (600 mm) shoes	10' 10" (3200 mm)	10' 10" (3200 mm)	10' 10" (3200 mm)
M. Crawler track height	3' 5.8" (1040 mm)	3' 5.8" (1040 mm)	3' 5.8" (1040 mm)

PERFORMANCE INFORMATION

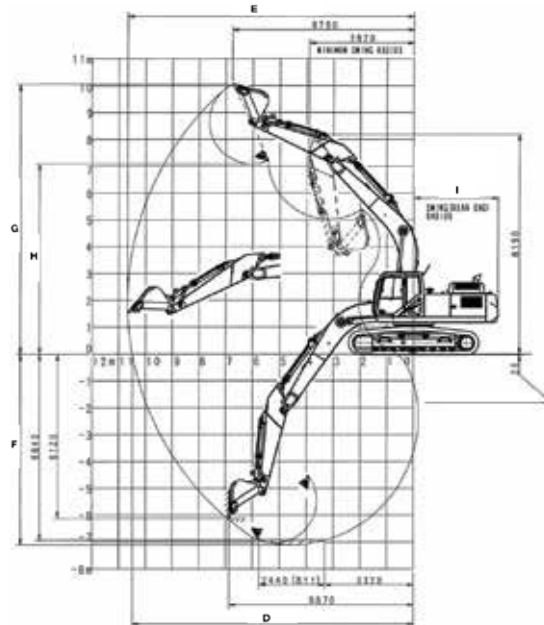
LEVEL EXCAVATION WITH 12' (3,66 M) ARM



LEVEL EXCAVATION WITH 8' 8" (2,65 M) ARM



LEVEL EXCAVATION WITH 10' 5" (3,18 M) ARM



Arm	10 ft 5 in (3,18 m)	8 ft 8 in (2,65 m)	12 ft (3,66 m)
A. Boom length	20' 6.4" (6150 mm)	20' 6.4" (6150 mm)	20' 6.4" (6150 mm)
B. Bucket radius	5' 10" (1570 mm)	5' 10" (1570 mm)	5' 10" (1570 mm)
C. Bucket rotation	176°	176°	176°
D. Maximum reach at ground level	34' 10" (10500 mm)	32' 3" (10040 mm)	36' 0.5" (10990 mm)
E. Max. reach	35' 6.7" (10670 mm)	33' 4.4" (10220 mm)	36' 3.8" (11160 mm)
F. Max. digging depth	23' 3.9" (7100 mm)	21' 9.7" (6570 mm)	24' 7.6" (7580 mm)
G. Max. digging height	33' 5.9" (10060 mm)	32' 0.1" (9930 mm)	34' 7.8" (10390 mm)
H. Max. dumping height	23' 6.5" (7090 mm)	22' 10" (6940 mm)	24' 0.8" (7390 mm)

SERVICE CAPACITIES AND SPECIFICATIONS

	Capacities	Specifications
Hydraulic system	79.2 gal (300 l)	ISO VG 46
Hydraulic tank	38.8 gal (147 l)	ISO VG 46
Fuel tank	118.8 gal (450 l)	(Diesel)
Cooling system	8.1 gal (30,8 l)	Coolant 55% 45% water
Final drive case (on each side)	2.4 gal (9,1 l)	API GL-4 90
Swing drive case (on each side)	2.1 gal (7,9 l)	API GL-5 90
Engine housing (with remote oil filter)	10 gal (38 l)	API CD SAE 10W-30

BUCKET INFORMATION

CX300C - ISO					
BUCKET	CAPACITY yd³ (m³)	WIDTH inch (mm)	WEIGHT lb (kg)	NUMBER OF TEETH	CNHI NUMBER
HD (SC)	1.57 (1,44)	48" (1220)	2775 (1259)	6	84404256
HD (SC)	1.79 (1,64)	54" (1372)	3024 (1372)	6	84405236
HD (SC)	2.00 (1,83)	60" (1524)	3276 (1486)	7	84405237
HD (HC)	1.69 (1,55)	42" (1067)	3150 (1429)	5	84404258

Note: HD (Heavy Duty)
SC (Standard Capacity)
HC (High Capacity)

LIFT CAPACITY

Standard Arm 8 ft 7 in (2,65 m), Bucket 1.7 yd³ (1,3 m³)

	0 ft (0 m)		6.5 ft (2 m)		10 ft (3 m)		13 ft (4 m)		20 ft (6 m)		23 ft (7 m)		30 ft (9 m)		MAXIMUM REACH		ft (m)
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
26 ft (8 m)											12368 lb (5610 kg)*	18981 lb (8610 kg)*			9237 lb (4190 kg)*	9237 lb (4190 kg)*	25 ft 5 in (7,76 m)
23 ft (7 m)											13779 lb (6250 kg)*	13668 lb (6200 kg)			8928 lb (4050 kg)*	8928 lb (4050 kg)*	27 ft 11 in (8,51 m)
20 ft (6 m)											15895 lb (7210 kg)*	13448 lb (6100 kg)	9524 lb (4320 kg)*	8532 lb (3870 kg)	8730 lb (3960 kg)*	8201 lb (3720 kg)	29 ft 8 in (9,06 m)
16.5 ft (5 m)									17901 lb (8120 kg)*	16953 lb (7690 kg)	16623 lb (7540 kg)*	13095 lb (5940 kg)	12742 lb (5780 kg)*	8245 lb (3740 kg)	8796 lb (3990 kg)*	7429 lb (3370 kg)	31 ft 0 in (9,46 m)
13 ft (4 m)					23391 lb (10610 kg)*	23391 lb (10610 kg)*	27315 lb (12390 kg)*	27315 lb (12390 kg)*	20062 lb (9100 kg)*	16424 lb (7450 kg)	17835 lb (8090 kg)*	12676 lb (5750 kg)	12720 lb (5770 kg)	8091 lb (3670 kg)	8928 lb (4050 kg)*	6922 lb (3140 kg)	31 ft 10 in (9,71 m)
10 ft (3 m)							30115 lb (13660 kg)	30115 lb (13660 kg)	22134 lb (10040 kg)*	15741 lb (7140 kg)	18981 lb (8610 kg)	12235 lb (5550 kg)	12522 lb (5680 kg)	7914 lb (3590 kg)	9193 lb (4170 kg)*	6636 lb (3010 kg)	32 ft 3 in (9,84 m)
6.5 ft (2 m)							28153 lb (12770 kg)	28153 lb (12770 kg)	23876 lb (10830 kg)*	15057 lb (6830 kg)	18717 lb (8490 kg)	11794 lb (5350 kg)	12301 lb (5580 kg)	7716 lb (3500 kg)	9524 lb (4320 kg)*	6503 lb (2950 kg)	32 ft 4 in (9,86 m)
3 ft (1 m)							26742 lb (12130 kg)	26742 lb (12130 kg)	23501 lb (10660 kg)	14484 lb (6570 kg)	18276 lb (8290 kg)	11420 lb (5180 kg)	12125 lb (5500 kg)	7562 lb (3430 kg)	10009 lb (4540 kg)*	6525 lb (2960 kg)	32 ft 0 in (9,77 m)
0 ft (m)					16578 lb (7520 kg)*	16578 lb (7520 kg)*	31283 lb (14190 kg)*	26014 lb (11800 kg)	23016 lb (10440 kg)	14043 lb (6370 kg)	17923 lb (8130 kg)	11111 lb (5040 kg)	11993 lb (5440 kg)	7429 lb (3370 kg)	10714 lb (4860 kg)*	6724 lb (3050 kg)	31 ft 4 in (9,57 m)
- 3 ft (- 1 m)			15520 lb (7040 kg)*	15520 lb (7040 kg)*	21693 lb (9840 kg)*	21693 lb (9840 kg)*	34833 lb (15800 kg)*	25904 lb (11750 kg)	22707 lb (10300 kg)	13801 lb (6260 kg)	17703 lb (8030 kg)	10913 lb (4950 kg)	11949 lb (5420 kg)	7385 lb (3350 kg)	11442 lb (5190 kg)	7077 lb (3210 kg)	30 ft 4 in (9,25 m)
- 6.5 ft (- 2 m)			22200 lb (10070 kg)*	22200 lb (10070 kg)*	27315 lb (12390 kg)*	27315 lb (12390 kg)*	39021 lb (17700 kg)*	26521 lb (12030 kg)	22685 lb (10290 kg)	13801 lb (6260 kg)	17681 lb (8020 kg)	10913 lb (4950 kg)			12368 lb (5610 kg)	7672 lb (3480 kg)	28 ft 11 in (8,82 m)
- 10 ft (- 3 m)			27315 lb (12390 kg)*	27315 lb (12390 kg)*	34546 lb (15670 kg)*	34546 lb (15670 kg)*	36685 lb (16640 kg)*	26808 lb (12160 kg)	22818 lb (10350 kg)	13955 lb (6330 kg)	17813 lb (8080 kg)	11508 lb (5220 kg)			13823 lb (6270 kg)	8598 lb (3900 kg)	27 ft 0 in (8,24 m)
- 13 ft (- 4 m)								27249 lb (12360 kg)	22200 lb (10070 kg)*	14286 lb (6480 kg)					15057 lb (6830 kg)	10075 lb (4570 kg)	24 ft 7 in (7,50 m)
- 16.5 ft (- 5 m)					33907 lb (15380 kg)*	33907 lb (15380 kg)*	27602 lb (12520 kg)*	27072 lb (12280 kg)	17945 lb (8140 kg)*	14594 lb (6620 kg)*					14660 lb (6650 kg)*	12632 lb (5730 kg)	21 ft 5 in (6,54 m)

Standard Arm 10 ft 4 in (3,18 m), Bucket 1.7 yd³ (1,3 m³)

	0 ft (0 m)		6.5 ft (2 m)		10 ft (3 m)		13 ft (4 m)		20 ft (6 m)		23 ft (7 m)		30 ft (9 m)		MAXIMUM REACH		ft (m)
	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	
30 ft (9 m)															7429 lb (3370 kg)*	7429 lb (3370 kg)*	24 ft 3 in (7,41 m)
26 ft (8 m)											9171 lb (4160 kg)*	9171 lb (4160 kg)*			6988 lb (3170 kg)*	6988 lb (3170 kg)*	27 ft 4 in (8,35 m)
23 ft (7 m)											11706 lb (5310 kg)*	11706 lb (5310 kg)*	7098 lb (3220 kg)*	7098 lb (3220 kg)*	6768 lb (3070 kg)*	6768 lb (3070 kg)*	29 ft 7 in (9,04 m)
20 ft (6 m)											13800 lb (6260 kg)*	13315 lb (6040 kg)	9964 lb (4520 kg)*	8399 lb (3810 kg)	6679 lb (3030 kg)*	6679 lb (3030 kg)*	31 ft 4 in (9,56 m)
16.5 ft (5 m)									16292 lb (7390 kg)*	16292 lb (7390 kg)*	15278 lb (6930 kg)*	13227 lb (6000 kg)	11816 lb (5360 kg)*	8267 lb (3750 kg)	6702 lb (3040 kg)*	6702 lb (3040 kg)	32 ft 6 in (9,93 m)
13 ft (4 m)							21098 lb (9570 kg)*	21098 lb (9570 kg)*	18055 lb (8190 kg)*	16644 lb (7550 kg)	16688 lb (7570 kg)*	12786 lb (5800 kg)	12720 lb (5770 kg)	8090 lb (3670 kg)	6812 lb (3090 kg)*	6261 lb (2840 kg)	33 ft 4 in (10,17 m)
10 ft (3 m)					3990 lb (1810 kg)*	3990 lb (1810 kg)*	31085 lb (14100 kg)*	30357 lb (13770 kg)	20767 lb (9420 kg)*	15917 lb (7220 kg)	18121 lb (8220 kg)*	12301 lb (5580 kg)	12500 lb (5670 kg)	7870 lb (3570 kg)	7032 lb (3190 kg)*	5996 lb (2720 kg)	33 ft 9 in (10,30 m)
6.5 ft (2 m)					18937 lb (8590 kg)*	18937 lb (8590 kg)*	35273 lb (16000 kg)*	28858 lb (13090 kg)	22795 lb (10340 kg)*	15167 lb (6880 kg)	18717 lb (8490 kg)	11816 lb (5360 kg)	12257 lb (5560 kg)	7650 lb (3470 kg)	7319 lb (3320 kg)*	5864 lb (2660 kg)	33 ft 9 in (10,31 m)
3 ft (1 m)					15255 lb (6920 kg)*	15255 lb (6920 kg)*	37412 lb (16970 kg)*	27182 lb (12330 kg)	23545 lb (10680 kg)	14506 lb (6580 kg)	18254 lb (8280 kg)	11375 lb (5160 kg)	12037 lb (5460 kg)	7429 lb (3370 kg)	6738 lb (3510 kg)*	5864 lb (2660 kg)	33 ft 6 in (10,22 m)
0 ft (m)			9744 lb (4420 kg)*	9744 lb (4420 kg)*	17879 lb (8110 kg)*	17879 lb (8110 kg)*	34766 lb (15770 kg)*	26190 lb (11880 kg)	22994 lb (10430 kg)	13999 lb (6350 kg)	17857 lb (8100 kg)	11001 lb (4990 kg)	11838 lb (5370 kg)	7275 lb (3300 kg)	8311 lb (3770 kg)*	6018 lb (2730 kg)	32 ft 10 in (10,03 m)
- 3 ft (- 1 m)			16556 lb (7510 kg)*	16556 lb (7510 kg)*	21517 lb (9760 kg)*	21517 lb (9760 kg)*	35582 lb (16140 kg)*	25772 lb (11690 kg)	22575 lb (10240 kg)	13646 lb (6190 kg)	16887 lb (7660 kg)	10736 lb (4870 kg)	11728 lb (5320 kg)	7165 lb (3250 kg)	9083 lb (4120 kg)*	6305 lb (2860 kg)	31 ft 11 in (9,73 m)
- 6.5 ft (- 2 m)			20392 lb (9250 kg)*	20392 lb (9250 kg)*	25970 lb (11780 kg)*	25970 lb (11780 kg)*	39440 lb (17890 kg)*	26036 lb (11810 kg)	22443 lb (10180 kg)	13536 lb (6140 kg)	17438 lb (7910 kg)	10648 lb (4830 kg)	11750 lb (5330 kg)	7187 lb (3260 kg)	10185 lb (4620 kg)*	6768 lb (3070 kg)	30 ft 6 in (9,32 m)
- 10 ft (- 3 m)			24779 lb (11240 kg)*	24779 lb (11240 kg)*	31658 lb (14360 kg)*	31658 lb (14360 kg)*	37963 lb (17220 kg)*	24272 lb (11010 kg)	22487 lb (10200 kg)	13602 lb (6170 kg)	17504 lb (7940 kg)	10736 lb (4870 kg)			11794 lb (5350 kg)*	7517 lb (3410 kg)	28 ft 9 in (8,78 m)
- 13 ft (- 4 m)			31327 lb (14210 kg)*	31327 lb (14210 kg)*	39418 lb (17880 kg)*	39418 lb (17880 kg)*	35053 lb (15900 kg)*	26631 lb (12080 kg)	22509 lb (10210 kg)	13845 lb (6280 kg)	17659 lb (8010 kg)	11001 lb (4990 kg)			14065 lb (6380 kg)*	8664 lb (3930 kg)	26 ft 6 in (8,09 m)
- 16.5 ft (- 5 m)			37963 lb (17220 kg)*	37963 lb (17220 kg)*	38580 lb (17500 kg)*	38580 lb (17500 kg)*	30622 lb (13890 kg)*	27006 lb (12250 kg)	20238 lb (9180 kg)*	14330 lb (6500 kg)	15873 lb (7200 kg)*	11265 lb (5110 kg)			14616 lb (6630 kg)*	10582 lb (4800 kg)	23 ft 6 in (7,19 m)
- 20 ft (- 6 m)					29630 lb (13440 kg)*	29630 lb (13440 kg)*	23920 lb (10850 kg)*	14263 lb (6470 kg)*	14263 lb (6470 kg)*	14263 lb (6470 kg)					13646 lb (6190 kg)*	13646 lb (6190 kg)*	19 ft 9 in (6,04 m)

STANDARD EQUIPMENT

Operator's compartment

Pressurized cabin with round shaped and smoothly designed
Safety glass on all windows
Impact-proof cabin suspension for 4 cushion hydraulic mounting
Sliding front window with automatic lock
Full color LCD screen included
Windscreen wipers and washer
AM/FM radio with automatic tuner
Floor carpet
Ceiling hatch of polycarbonate and sun protection
Automatic air conditioning
Top FOPS defense level 1
(on the cabin's structure)
Rollover protection structure (ROPS)
Operator's seat with low frequency mechanical suspension with helical dumper and double acting hydraulic dumper, manual weight adjustment, back angle adjustment, adjustable armrest height attached to the consoles, adjustable headrest, retractable seatbelt and adjustable back support.
The control consoles are adjusted independently from the seat
Rear mirror
Double horn
Travel alarm
Joystick-like levers to control hydraulic functions
Safety levers to neutralize hydraulic functions and star the engine
Travel pedal with auxiliary levers for manual control
Footrest
Telematics (Sitewatch) on board with 3 years advanced subscription as standard, on machine manufactured from January, 2018

Engine

4-stroke diesel engine, water-cooled,
4-cylinders-in-line injection system Common rail, turbocharged with intercooler, air-cooled and tier 3 emission certificate.

Electric system

Wiring with waterproof connectors
Battery 2 x 12V 128 Ah/5hr
Voltage 24 V
Alternator 50 A
Starter 5.0 kW

Hydraulic system

With ISO control pattern
Work mode selection Auto, H and SP
Auxiliary accessory mode
Auto power up
2 variable flow pumps
Electronic flow control
Cylinders with end cushioning
1 pump for the pilot system
10' 5" (3,18 m) long arm

Undercarriage

Travel speeds
High 3.5 mph (5,7 km/h)
(Automatic speed change)
Low 2.05 mph (3,3 km/h)
Quantity of transport rollers:
Quantity of upper rollers 2 (on each side)
Quantity of lower rollers 9 (on each side)
Number of shoes 50 (on each side)
Shoes width 1' 11" (600 mm)
Type of shoes Triple grousers
Track length 15' 10" (4850 mm)
Track gauge 8' 6" (2600 mm)
Track guide Single
Sealed and lubricated chains

OPTIONAL EQUIPMENT

Cabin

Seat with air suspension
2 options for front stone protection
Level 2 FOPS superior protection
Rain deflector
Sun screen

Accessories

Arm 8' 7" (2,65 m), Bucket 12' (3,66 m)
Heavy Duty bucket and link with hook
Six options for auxiliary accessory
Additional handrails Rh + Lh
Safety valve for the boom

Undercarriage

2' 3.5" (700 mm) and 2' 7.5" (800 mm)
Triple track guide

Other

Rear view camera
Side view camera
Refueling pump



SiteWatch™

Fleet monitoring and tracking management system through satellite or mobile phone

Case reserves the right to implement improvements in the project and alterations to the specifications at any time, without prior notice, and not being liable to install them in previously sold units. The specifications, descriptions and graphics correctly reflect the information known to this day in this publication. This information may vary in different regions and may be subject to changes without previous notice. The graphics may include equipment and optional accessories, and may not include all the standard units.

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Factories

Contagem – Minas Gerais – Brazil
Av. General David Sarnoff, 2.237
Inconfidentes – C.P. 32210-900
Tel.: +55 31 2104-3392

Sorocaba – São Paulo – Brazil
Av. Jerome Case, 1.801
Éden – C.P. 18087-220
Tel.: +55 15 3334-1700

COMUNICAÇÕES AMÉRICA LATINA ©

MIMICO

0800 64 64 26 | enquiries@mimico.co.nz | www.mimico.co.nz