



ENGINE

Model	Yanmar 3TNV88F-E
Emissions Certification	Tier 4 Final
Fuel	Diesel
Cylinders	3
Displacement	100 in ³ (1.6 L)
Fuel injection	Mechanical w/ electronic governor
Fuel injection pump	Direct
Net horsepower – SAE J1349 @ 2400 RPM:	23.1 hp (17.2 kW)
Cooling	Water-cooled

DRIVETRAIN

Travel speeds:	
1st	1.6 mph (2.5 kph)
2nd	2.7 mph (4.4 kph)
Drawbar pull	8,655 lb (38.5 kN)
Gradeability	30° Slope

ELECTRICAL

Voltage	12 Volts
Alternator rating	24 amp
Battery	12-volt low-maintenance

OPERATOR ENVIRONMENT

ROPS/FOPS three post canopy; Pilot operated hand controls and foot pedals; Adjustable seat w/ seat belt; Arm rests.

Display includes:

Engine oil pressure; Water temperature lamp;
Low fuel warning lamp; Battery charge lamp;
Water temperature gauge; Fuel gauge
and hour meter.

OPERATING WEIGHT

Cab operating weight w/ counterweight	8,554 lb (3 880 kg) +551 lb (250 kg)
Canopy operating weight w/ counterweight	8,212 lb (3 725 kg) +551 lb (250 kg)

NOTE: w/ operator/full fuel/standard equipment.

HYDRAULICS

Main pumps	Tandem variable displacement/ axial piston pump
Max. rated flow x 2	10.1 gpm (38.4 L/min)
Auxiliary flow	15.2 gpm (57.6 L/min)
System relief pressure:	
Standard	3,336 psi (230 bar)

Pilot control hydraulic system:

Pump	Gear pump
Maximum capacity	2.9 gpm (10.8 L/min)
Relief pressure	508 psi (35 bar)

Control valves:

Pilot control for left /right track travel, boom,
arm, bucket and swing.
Manual control for breaker and backfill blade.

Swing/Dozer blade:

Motor	Fixed displaced axial piston
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Travel:

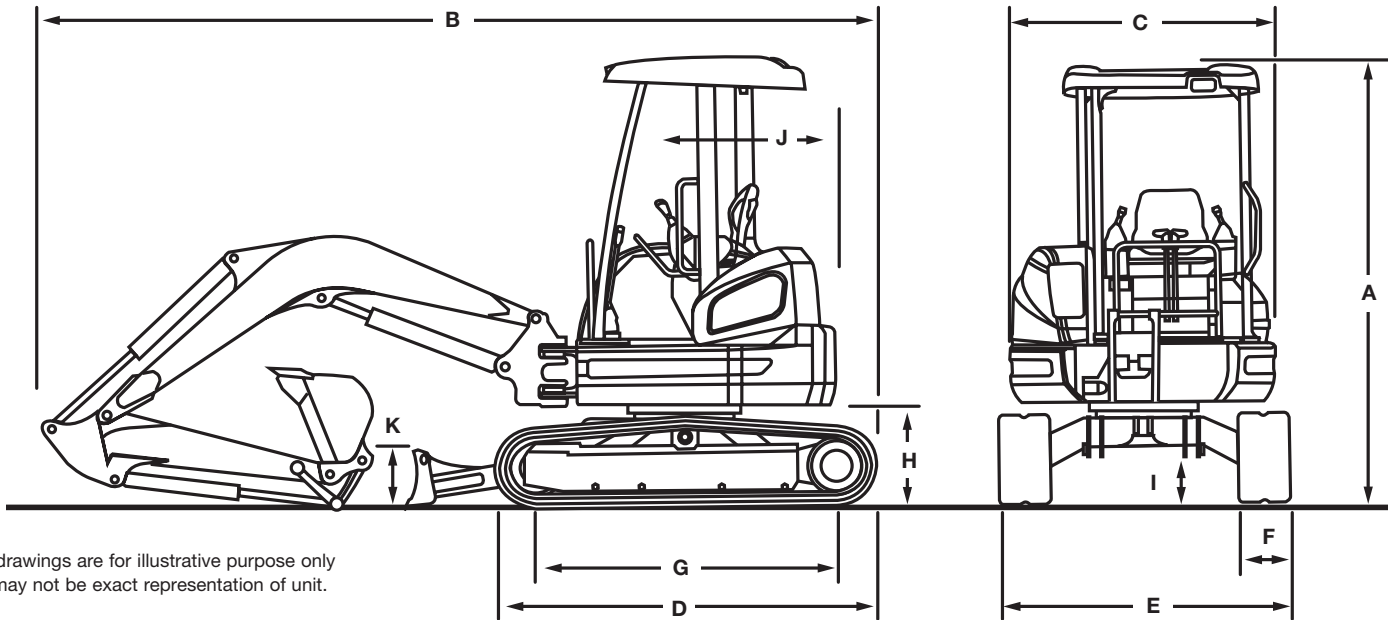
Motors – 2	Two-speed axial piston
Final drive	Planetary gear reduction

SERVICE CAPACITIES

Fuel tank	11 gal (42 L)
Hydraulic tank:	
Refill capacity	5.4 gal (20.4 L)
Total system	11.8 gal (44.8 L)
Engine oil w/ filter change	1.5 gal (5.5 L)
Radiator	1.2 gal (4.6 L)

OTHER SPECIFICATIONS

Swing speed	0 – 8.4 RPM
Swing brake	Spring applied, hydraulically released w/ dual cushion relief
Undercarriage:	
Top tracks – each	1 roller
Bottom tracks – each	4 rollers
Boom:	
Swing	70° left /60° right
Length	8 ft 2 in (2 490 mm)
Arm:	
Length	4 ft 4 in (1 320 mm)

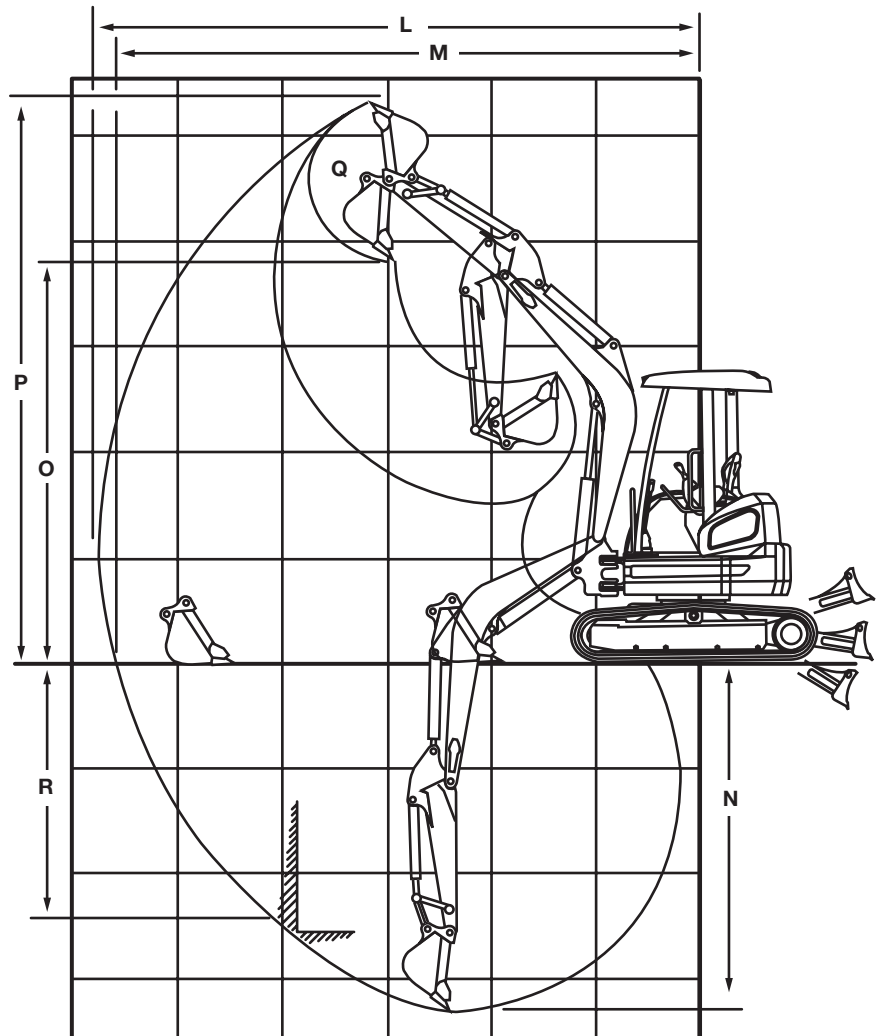


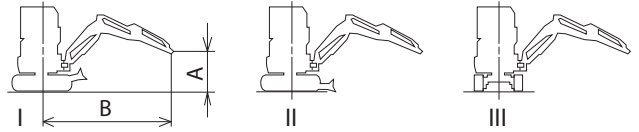
DIMENSIONS

	4 ft 6 in (1.37 m) Arm
A. Overall height	8 ft 3 in (2 510 mm)
B. Overall length	15 ft 10 in (4 820 mm)
C. Width of upper structure	5 ft 0 in (1 530 mm)
D. Track overall length	7 ft 1 in (2 160 mm)
E. Track overall width with 11.8 in (300 mm) shoes	5 ft 7 in (1 700 mm)
F. Track shoe width	11.8 in (300 mm)
G. Center to center – idler to sprocket	5 ft 7 in (1 700 mm)
H. Upper structure ground clearance	1 ft 10 in (570 mm)
I. Minimum ground clearance	11.8 in (300 mm)
J. Tail swing radius	2 ft 10 in (850 mm)
K. Backfill blade height	1 ft 2 in (345 mm)
Working weight	8,554 lb (3 880 kg)
Ground pressure	4.7 psi (32.4 kPa)
Boom swing	70° left /60° right
Tail swing overhang	0 ft 0 in (0 m)

PERFORMANCE SPECS

	4 ft 6 in (1.37 m) Arm
L. Maximum dig radius	17 ft 7 in (5 350 mm)
M. Dig radius at groundline	17 ft 1 in (5 200 mm)
N. Maximum dig depth	10 ft 0 in (3 050 mm)
O. Dump height	11 ft 5 in (3 490 mm)
P. Overall reach height	16 ft 0 in (4 870 mm)
Q. Bucket rotation	178°
R. Vertical straight wall dig depth	8 ft 1 in (2 470 mm)
Arm digging force	5,036 lb (22.4 kN)
Bucket digging force: 2 position bucket	6,227 lb (27.7 kN)





Cab model without ACW — 4 ft 6 in (1.4 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down.

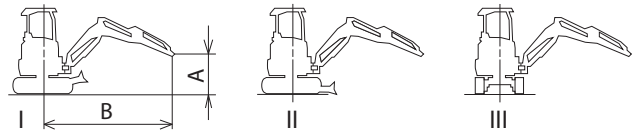
Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)												11 ft 6 in (3.52 m)	1,600 lb (720 kg) 1,820 lb* (820 kg)*	1,510 lb (680 kg)
+10 ft (3.0 m)								1,420 lb (640 kg) 1,730 lb* (780 kg)*	1,340 lb (600 kg)			13 ft 6 in (4.12 m)	1,240 lb (560 kg) 1,790 lb* (810 kg)*	1,160 lb (520 kg)
+7.5 ft (2.3 m)						1,980 lb (890 kg) 2,040 lb* (920 kg)*	1,850 lb (830 kg)	1,390 lb (630 kg) 1,850 lb* (830 kg)*	1,310 lb (590 kg)			14 ft 7 in (4.46 m)	1,070 lb (480 kg) 1,810 lb* (820 kg)*	1,010 lb (450 kg)
+5 ft (1.5 m)				2,900 lb (1 310 kg) 4,190 lb* (1 900 kg)*	2,660 lb (1 200 kg)	1,870 lb (840 kg) 2,630 lb* (1 190 kg)*	1,750 lb (790 kg)	1,340 lb (600 kg) 2,090 lb* (940 kg)*	1,260 lb (570 kg)	1,010 lb (450 kg) 1,860 lb* (840 kg)*	960 lb (430 kg)	15 ft 1 in (4.62 m)	1,000 lb (450 kg) 1,850 lb* (830 kg)*	940 lb (420 kg)
+2.5 ft (0.8 m)				2,720 lb (1 230 kg) 3,780 lb* (1 710 kg)*	2,490 lb (1 120 kg)	1,780 lb (800 kg) 3,140 lb* (1 420 kg)*	1,660 lb (750 kg)	1,290 lb (580 kg) 2,330 lb* (1 050 kg)*	1,210 lb (540 kg)	1,000 lb (450 kg) 1,920 lb* (870 kg)*	940 lb (420 kg)	15 ft 1 in (4.62 m)	980 lb (440 kg) 1,900 lb* (860 kg)*	920 lb (410 kg)
Groundline				2,690 lb (1 220 kg) 5,230 lb* (2 370 kg)*	2,460 lb (1 110 kg)	1,730 lb (780 kg) 3,360 lb* (1 520 kg)*	1,610 lb (730 kg)	1,260 lb (570 kg) 2,460 lb* (1 110 kg)*	1,180 lb (530 kg)			14 ft 7 in (4.45 m)	1,020 lb (460 kg) 1,970 lb* (890 kg)*	960 lb (430 kg)
-2.5 ft (-0.8 m)		4,860 lb* (2 200 kg)* 4,860 lb* (2 200 kg)*	4,860 lb* (2 200 kg)*	2,700 lb (1 220 kg) 4,830 lb* (2 190 kg)*	2,470 lb (1 120 kg)	1,720 lb (780 kg) 3,250 lb* (1 470 kg)*	1,600 lb (720 kg)	1,260 lb (570 kg) 2,350 lb* (1 060 kg)*	1,180 lb (530 kg)			13 ft 5 in (4.11 m)	1,140 lb (510 kg) 2,030 lb* (920 kg)*	1,070 lb (480 kg)
-5 ft (-1.5 m)		6,100 lb (2 760 kg) 6,720 lb* (3 040 kg)*	5,290 lb (2 390 kg)	2,750 lb (1 240 kg) 3,940 lb* (1 780 kg)*	2,520 lb (1 140 kg)	1,760 lb (790 kg) 2,690 lb* (1 220 kg)*	1,630 lb (730 kg)					11 ft 6 in (3.50 m)	1,450 lb (650 kg) 2,060 lb* (930 kg)*	1,360 lb (610 kg)
-7.5 ft (-2.3 m)				1,840 lb* (830 kg)* 1,840 lb* (830 kg)*	1,840 lb* (830 kg)*							7 ft 8 in (2.35 m)	1,740 lb* (780 kg)* 1,740 lb* (780 kg)*	1,740 lb* (780 kg)*

Cab model with ACW — 4 ft 6 in (1.4 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down, counterweight +551 lb (+250 kg) Add-on.

Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)												11 ft 6 in (3.52 m)	1,820 lb* (820 kg)* 1,820 lb* (820 kg)*	1,750 lb (790 kg)
+10 ft (3.0 m)									1,560 lb (700 kg)			13 ft 6 in (4.12 m)	1,450 lb (650 kg) 1,790 lb* (810 kg)*	1,360 lb (610 kg)
+7.5 ft (2.3 m)						2,040 lb* (920 kg)*		1,650 lb (740 kg) 1,730 lb* (780 kg)*	1,530 lb (690 kg)			14 ft 7 in (4.46 m)	1,270 lb (570 kg) 1,810 lb* (820 kg)*	1,190 lb (530 kg)
+5 ft (1.5 m)				3,390 lb (1 530 kg) 4,190 lb* (1 900 kg)*	3,100 lb (1 400 kg)	2,040 lb* (920 kg)* 2,040 lb (920 kg)	2,040 lb (920 kg)	1,630 lb (730 kg) 1,850 lb* (830 kg)*	1,480 lb (670 kg)	1,200 lb (540 kg) 1,860 lb* (840 kg)*	1,130 lb (510 kg)	15 ft 1 in (4.62 m)	1,180 lb (530 kg) 1,850 lb* (830 kg)*	1,110 lb (500 kg)
+2.5 ft (0.8 m)				3,210 lb (1 450 kg) 3,780 lb* (1 710 kg)*	2,930 lb (1 320 kg)	2,190 lb (990 kg) 2,630 lb* (1 190 kg)*	1,950 lb (880 kg)	1,580 lb (710 kg) 2,090 lb* (940 kg)*	1,430 lb (640 kg)	1,180 lb (530 kg) 1,920 lb* (870 kg)*	1,110 lb (500 kg)	15 ft 1 in (4.62 m)	1,170 lb (530 kg) 1,900 lb* (860 kg)*	1,100 lb (490 kg)
Groundline				3,170 lb (1 430 kg) 5,230 lb* (2 370 kg)*	2,900 lb (1 310 kg)	2,100 lb (950 kg) 3,140 lb* (1 420 kg)*	1,900 lb (860 kg)	1,530 lb (690 kg) 2,330 lb* (1 050 kg)*	1,400 lb (630 kg)			14 ft 7 in (4.45 m)	1,210 lb (540 kg) 1,970 lb* (890 kg)*	1,140 lb (510 kg)
-2.5 ft (-0.8 m)		4,860 lb* (2 200 kg)* 4,860 lb* (2 200 kg)*	4,860 lb* (2 200 kg)*	3,190 lb (1 440 kg) 4,830 lb* (2 190 kg)*	2,910 lb (1 310 kg)	2,050 lb (920 kg) 3,360 lb* (1 520 kg)*	1,900 lb (860 kg)	1,630 lb (730 kg) 2,460 lb* (1 110 kg)*	1,400 lb (630 kg)			13 ft 5 in (4.11 m)	1,360 lb (610 kg) 2,030 lb* (920 kg)*	1,270 lb (570 kg)
-5 ft (-1.5 m)		6,720 lb* (3 040 kg)* 6,720 lb* (3 040 kg)*	6,180 lb (2 800 kg)	3,240 lb (1 460 kg) 3,940 lb* (1 780 kg)*	2,960 lb (1 340 kg)	2,040 lb (920 kg) 3,250 lb* (1 470 kg)*	1,930 lb (870 kg)	1,500 lb (680 kg) 2,350 lb* (1 060 kg)*				11 ft 6 in (3.50 m)	1,710 lb (770 kg) 2,060 lb* (930 kg)*	1,600 lb (720 kg)
-7.5 ft (-2.3 m)				1,840 lb* (830 kg)* 1,840 lb* (830 kg)*	1,840 lb* (830 kg)*	2,070 lb (930 kg) 2,690 lb* (1 220 kg)*						7 ft 8 in (2.35 m)	1,740 lb* (780 kg)* 1,740 lb* (780 kg)*	1,740 lb* (780 kg)*

NOTE: *Lift capacities marked with an asterisk (*) are limited by 87% hydraulic capacity.



Canopy model without ACW — 4 ft 6 in (1.4 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down.

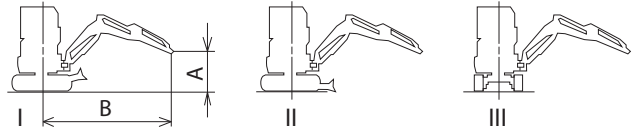
Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)												11 ft 6 in (3.52 m)	1,530 lb (690 kg) 1,820 lb* (820 kg)*	1,450 lb (650 kg)
+10 ft (3.0 m)								1,350 lb (610 kg) 1,730 lb* (780 kg)*	1,280 lb (580 kg)			13 ft 6 in (4.12 m)	1,180 lb (530 kg) 1,790 lb* (810 kg)*	1,110 lb (500 kg)
+7.5 ft (2.3 m)						1,900 lb (860 kg) 2,040 lb* (920 kg)*	1,780 lb (800 kg)	1,330 lb (600 kg) 1,850 lb* (830 kg)*	1,250 lb (560 kg)			14 ft 7 in (4.46 m)	1,020 lb (460 kg) 1,810 lb* (820 kg)*	970 lb (430 kg)
+5 ft (1.5 m)				2,770 lb (1 250 kg) 4,190 lb* (1 900 kg)*	2,550 lb (1 150 kg)	1,790 lb (810 kg) 2,630 lb* (1 190 kg)*	1,670 lb (750 kg)	1,280 lb (580 kg) 2,090 lb* (940 kg)*	1,210 lb (540 kg)	960 lb (430 kg) 1,860 lb* (840 kg)*	910 lb (410 kg)	15 ft 1 in (4.62 m)	950 lb (430 kg) 1,850 lb* (830 kg)*	900 lb (400 kg)
+2.5 ft (0.8 m)				2,590 lb (1 170 kg) 3,780 lb* (1 710 kg)*	2,380 lb (1 070 kg)	1,690 lb (760 kg) 3,140 lb* (1 420 kg)*	1,580 lb (710 kg)	1,230 lb (550 kg) 2,330 lb* (1 050 kg)*	1,160 lb (520 kg)	950 lb (430 kg) 1,920 lb* (870 kg)*	890 lb (400 kg)	15 ft 1 in (4.62 m)	930 lb (420 kg) 1,900 lb* (860 kg)*	880 lb (390 kg)
Groundline				2,560 lb (1 160 kg) 5,230 lb* (2 370 kg)*	2,350 lb (1 060 kg)	1,650 lb (740 kg) 3,360 lb* (1 520 kg)*	1,540 lb (690 kg)	1,200 lb (540 kg) 2,460 lb* (1 110 kg)*	1,130 lb (510 kg)			14 ft 7 in (4.45 m)	970 lb (430 kg) 1,970 lb* (890 kg)*	920 lb (410 kg)
-2.5 ft (-0.8 m)		4,860 lb* (2 200 kg)* 4,860 lb* (2 200 kg)*	4,860 lb* (2 200 kg)*	2,570 lb (1 160 kg) 4,830 lb* (2 190 kg)*	2,360 lb (1 070 kg)	1,640 lb (740 kg) 3,250 lb* (1 470 kg)*	1,530 lb (690 kg)	1,200 lb (540 kg) 2,350 lb* (1 060 kg)*	1,130 lb (510 kg)			13 ft 5 in (4.11 m)	1,090 lb (490 kg) 2,030 lb* (920 kg)*	1,020 lb (460 kg)
-5 ft (-1.5 m)		5,820 lb (2 630 kg) 6,720 lb* (3 040 kg)*	5,070 lb (2 290 kg)	2,620 lb (1 180 kg) 3,940 lb* (1 780 kg)*	2,410 lb (1 090 kg)	1,670 lb (750 kg) 2,690 lb* (1 220 kg)*	1,560 lb (700 kg)					11 ft 6 in (3.50 m)	1,380 lb (620 kg) 2,060 lb* (930 kg)*	1,300 lb (580 kg)
-7.5 ft (-2.3 m)				1,840 lb* (830 kg)* 1,840 lb* (830 kg)*	1,840 lb* (830 kg)*							7 ft 8 in (2.35 m)	1,740 lb* (780 kg)* 1,740 lb* (780 kg)*	1,740 lb* (780 kg)*

Canopy model with ACW — 4 ft 6 in (1.4 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down, counterweight +551 lb (+250 kg) Add-on.

Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)												11 ft 6 in (3.52 m)	1,790 lb (810 kg) 1,820 lb* (820 kg)*	1,690 lb (760 kg)
+10 ft (3.0 m)								1,590 lb (720 kg) 1,730 lb* (780 kg)*	1,500 lb (680 kg)			13 ft 6 in (4.12 m)	1,390 lb (630 kg) 1,790 lb* (810 kg)*	1,310 lb (590 kg)
+7.5 ft (2.3 m)						2,040 lb* (920 kg)* 2,040 lb* (920 kg)*	2,040 lb* (920 kg)*	1,560 lb (700 kg) 1,850 lb* (830 kg)*	1,470 lb (660 kg)			14 ft 7 in (4.46 m)	1,210 lb (540 kg) 1,810 lb* (820 kg)*	1,150 lb (520 kg)
+5 ft (1.5 m)				3,260 lb (1 470 kg) 4,190 lb* (1 900 kg)*	2,990 lb (1 350 kg)	2,110 lb (950 kg) 2,630 lb* (1 190 kg)*	1,970 lb (890 kg)	1,510 lb (680 kg) 2,090 lb* (940 kg)*	1,430 lb (640 kg)	1,150 lb (520 kg) 1,860 lb* (840 kg)*	1,090 lb (490 kg)	15 ft 1 in (4.62 m)	1,130 lb (510 kg) 1,850 lb* (830 kg)*	1,070 lb (480 kg)
+2.5 ft (0.8 m)				3,080 lb (1 390 kg) 3,780 lb* (1 710 kg)*	2,820 lb (1 270 kg)	2,010 lb (910 kg) 3,140 lb* (1 420 kg)*	1,880 lb (850 kg)	1,470 lb (660 kg) 2,330 lb* (1 050 kg)*	1,380 lb (620 kg)	1,130 lb (510 kg) 1,920 lb* (870 kg)*	1,070 lb (480 kg)	15 ft 1 in (4.62 m)	1,120 lb (500 kg) 1,900 lb* (860 kg)*	1,050 lb (470 kg)
Groundline				3,040 lb (1 370 kg) 5,230 lb* (2 370 kg)*	2,790 lb (1 260 kg)	1,960 lb (880 kg) 3,360 lb* (1 520 kg)*	1,830 lb (830 kg)	1,440 lb (650 kg) 2,460 lb* (1 110 kg)*	1,350 lb (610 kg)			14 ft 7 in (4.45 m)	1,160 lb (520 kg) 1,970 lb* (890 kg)*	1,100 lb (490 kg)
-2.5 ft (-0.8 m)		4,860 lb* (2 200 kg)* 4,860 lb* (2 200 kg)*	4,860 lb* (2 200 kg)*	3,060 lb (1 380 kg) 4,830 lb* (2 190 kg)*	2,800 lb (1 270 kg)	1,960 lb (880 kg) 3,250 lb* (1 470 kg)*	1,820 lb (820 kg)	1,430 lb (640 kg) 2,350 lb* (1 060 kg)*	1,350 lb (610 kg)			13 ft 5 in (4.11 m)	1,300 lb (580 kg) 2,030 lb* (920 kg)*	1,220 lb (550 kg)
-5 ft (-1.5 m)		6,720 lb* (3 040 kg)* 6,720 lb* (3 040 kg)*	5,960 lb (2 700 kg)	3,110 lb (1 410 kg) 3,940 lb* (1 780 kg)*	2,850 lb (1 290 kg)	1,990 lb (900 kg) 2,690 lb* (1 220 kg)*	1,850 lb (830 kg)					11 ft 6 in (3.50 m)	1,640 lb (740 kg) 2,060 lb* (930 kg)*	1,540 lb (690 kg)
-7.5 ft (-2.3 m)				1,840 lb* (830 kg)* 1,840 lb* (830 kg)*	1,840 lb* (830 kg)*							7 ft 8 in (2.35 m)	1,740 lb* (780 kg)* 1,740 lb* (780 kg)*	1,740 lb* (780 kg)*

NOTE: *Lift capacities marked with an asterisk (*) are limited by 87% hydraulic capacity.



Cab model without ACW – 5 ft 6 in (1.7 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down.

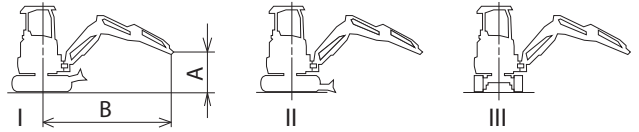
Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)								1,440 lb (650 kg)	1,350 lb (610 kg)			12 ft 10 in (3.92 m)	1,360 lb (610 kg) 1,610 lb* (730 kg)*	1,280 lb (580 kg)
+10 ft (3.0 m)								1,440 lb (650 kg) 1,490 lb* (670 kg)*	1,360 lb (610 kg)			14 ft 7 in (4.45 m)	1,100 lb (490 kg) 1,550 lb* (700 kg)*	1,040 lb (470 kg)
+7.5 ft (2.3 m)								1,410 lb (630 kg) 1,650 lb* (740 kg)*	1,320 lb (590 kg)	1,040 lb (470 kg) 1,620 lb* (730 kg)*	980 lb (440 kg)	15 ft 7 in (4.76 m)	970 lb (430 kg) 1,550 lb* (680 kg)*	910 lb (410 kg)
+5 ft (1.5 m)				3,010 lb (1 360 kg) 3,460 lb* (1 560 kg)*	2,760 lb (1 250 kg)	1,910 lb (860 kg) 2,340 lb* (1 060 kg)*	1,780 lb (800 kg)	1,350 lb (610 kg) 1,920 lb* (870 kg)*	1,270 lb (570 kg)	1,020 lb (460 kg) 1,720 lb* (780 kg)*	960 lb (430 kg)	16 ft 1 in (4.90 m)	910 lb (410 kg) 1,550 lb* (700 kg)*	860 lb (390 kg)
+2.5 ft (0.8 m)				2,770 lb (1 250 kg) 4,860 lb* (2 200 kg)*	2,530 lb (1 140 kg)	1,800 lb (810 kg) 2,940 lb* (1 330 kg)*	1,670 lb (750 kg)	1,300 lb (580 kg) 2,210 lb* (1 000 kg)*	1,220 lb (550 kg)	990 lb (440 kg) 1,840 lb* (830 kg)*	930 lb (420 kg)	16 ft 1 in (4.90 m)	890 lb (400 kg) 1,640 lb* (740 kg)*	840 lb (380 kg)
Groundline		2,350 lb* (1 060 kg)* 2,350 lb* (1 060 kg)*	2,350 lb* (1 060 kg)*	2,680 lb (1 210 kg) 5,250 lb* (2 380 kg)*	2,450 lb (1 110 kg)	1,730 lb (780 kg) 3,280 lb* (1 480 kg)*	1,610 lb (730 kg)	1,260 lb (570 kg) 2,400 lb* (1 080 kg)*	1,180 lb (530 kg)	970 lb (430 kg) 1,900 lb* (860 kg)*	920 lb (410 kg)	15 ft 7 in (4.75 m)	920 lb (410 kg) 1,800 lb* (810 kg)*	870 lb (390 kg)
-2.5 ft (-0.8 m)		4,150 lb* (1 880 kg)* 4,150 lb* (1 880 kg)*	4,150 lb* (1 880 kg)*	2,670 lb (1 210 kg) 5,060 lb* (2 290 kg)*	2,440 lb (1 100 kg)	1,710 lb (770 kg) 3,310 lb* (1 500 kg)*	1,590 lb (720 kg)	1,240 lb (560 kg) 2,400 lb* (1 080 kg)*	1,160 lb (520 kg)			14 ft 6 in (4.44 m)	1,010 lb (450 kg) 1,870 lb* (840 kg)*	950 lb (430 kg)
-5 ft (-1.5 m)		6,010 lb (2 720 kg) 6,400 lb* (2 900 kg)*	5,200 lb (2 350 kg)	2,710 lb (1 220 kg) 4,400 lb* (1 990 kg)*	2,480 lb (1 120 kg)	1,720 lb (780 kg) 2,960 lb* (1 340 kg)*	1,600 lb (720 kg)	1,260 lb (570 kg) 2,050 lb* (920 kg)*	1,180 lb (530 kg)			12 ft 9 in (3.90 m)	1,230 lb (550 kg) 1,930 lb* (870 kg)*	1,150 lb (520 kg)
-7.5 ft (-2.3 m)		5,020 lb* (2 270 kg)* 5,020 lb* (2 270 kg)*	5,020 lb* (2 270 kg)*	2,800 lb (1 270 kg) 2,950 lb* (1 330 kg)*	2,570 lb (1 160 kg)							9 ft 9 in (2.98 m)	1,860 lb (840 kg) 1,880 lb* (850 kg)*	1,730 lb (780 kg)

Cab model with ACW – 5 ft 6 in (1.7 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down, counterweight +551 lb (+250 kg) Add-on.

Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)								1,560 lb* (700 kg)* 1,560 lb* (700 kg)*	1,560 lb* (700 kg)*			12 ft 10 in (3.92 m)	1,580 lb (710 kg) 1,610 lb* (730 kg)*	1,490 lb (670 kg)
+10 ft (3.0 m)								1,490 lb* (670 kg)* 1,490 lb* (670 kg)*	1,490 lb* (670 kg)*			14 ft 7 in (4.45 m)	1,290 lb (580 kg) 1,550 lb* (700 kg)*	1,210 lb (540 kg)
+7.5 ft (2.3 m)								1,640 lb (740 kg) 1,650 lb* (740 kg)*	1,540 lb (690 kg)	1,220 lb (550 kg) 1,620 lb* (730 kg)*	1,150 lb (520 kg)	15 ft 7 in (4.76 m)	1,140 lb (510 kg) 1,520 lb* (680 kg)*	1,080 lb (480 kg)
+5 ft (1.5 m)				3,460 lb* (1 560 kg)* 3,460 lb* (1 560 kg)*	3,190 lb (1 440 kg)	2,220 lb (1 000 kg) 2,340 lb* (1 060 kg)*	2,060 lb (930 kg)	1,580 lb (710 kg) 1,920 lb* (870 kg)*	1,480 lb (670 kg)	1,200 lb (540 kg) 1,720 lb* (780 kg)*	1,130 lb (510 kg)	16 ft 1 in (4.90 m)	1,070 lb (480 kg) 1,550 lb* (700 kg)*	1,010 lb (450 kg)
+2.5 ft (0.8 m)				3,240 lb (1 460 kg) 4,860 lb* (2 200 kg)*	2,960 lb (1 340 kg)	2,110 lb (950 kg) 2,940 lb* (1 330 kg)*	1,960 lb (880 kg)	1,530 lb (690 kg) 2,210 lb* (1 000 kg)*	1,430 lb (640 kg)	1,170 lb (530 kg) 1,840 lb* (830 kg)*	1,100 lb (490 kg)	16 ft 1 in (4.90 m)	1,060 lb (480 kg) 1,640 lb* (740 kg)*	1,000 lb (450 kg)
Groundline		2,350 lb* (1 060 kg)* 2,350 lb* (1 060 kg)*	2,350 lb* (1 060 kg)*	3,150 lb (1 420 kg) 5,250 lb* (2 380 kg)*	2,880 lb (1 300 kg)	2,040 lb (920 kg) 3,280 lb* (1 480 kg)*	1,890 lb (850 kg)	1,490 lb (670 kg) 2,400 lb* (1 080 kg)*	1,390 lb (630 kg)	1,160 lb (520 kg) 1,900 lb* (860 kg)*	1,090 lb (490 kg)	15 ft 7 in (4.75 m)	1,100 lb (490 kg) 1,800 lb* (810 kg)*	1,030 lb (460 kg)
-2.5 ft (-0.8 m)		4,150 lb* (1 880 kg)* 4,150 lb* (1 880 kg)*	4,150 lb* (1 880 kg)*	3,140 lb (1 420 kg) 5,060 lb* (2 290 kg)*	2,870 lb (1 300 kg)	2,010 lb (910 kg) 3,310 lb* (1 500 kg)*	1,870 lb (840 kg)	1,470 lb (660 kg) 2,400 lb* (1 080 kg)*	1,380 lb (620 kg)			14 ft 6 in (4.44 m)	1,200 lb (540 kg) 1,870 lb* (840 kg)*	1,130 lb (510 kg)
-5 ft (-1.5 m)		6,400 lb* (2 900 kg)* 6,400 lb* (2 900 kg)*	6,060 lb (2 740 kg)	3,180 lb (1 440 kg) 4,400 lb* (1 990 kg)*	2,900 lb (1 310 kg)	2,030 lb (920 kg) 2,960 lb* (1 340 kg)*	1,890 lb (850 kg)	1,490 lb (670 kg) 2,050 lb* (920 kg)*	1,400 lb (630 kg)			12 ft 9 in (3.90 m)	1,450 lb (650 kg) 1,930 lb* (870 kg)*	1,360 lb (610 kg)
-7.5 ft (-2.3 m)		5,020 lb* (2 270 kg)* 5,020 lb* (2 270 kg)*	5,020 lb* (2 270 kg)*	2,950 lb* (1 330 kg)* 2,950 lb* (1 330 kg)*	2,950 lb* (1 330 kg)*							9 ft 9 in (2.98 m)	1,880 lb* (850 kg)* 1,880 lb* (850 kg)*	1,880 lb* (850 kg)*

NOTE: *Lift capacities marked with an asterisk (*) are limited by 87% hydraulic capacity.



Canopy model without ACW – 5 ft 6 in (1.7 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down.

Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)								1,370 lb (620 kg)	1,290 lb (580 kg)			12 ft 10 in (3.92 m)	1,290 lb (580 kg)	1,220 lb (550 kg)
								1,560 lb* (700 kg)*					1,610 lb* (730 kg)*	
+10 ft (3.0 m)								1,370 lb (620 kg)	1,300 lb (580 kg)			14 ft 7 in (4.45 m)	1,040 lb (470 kg)	990 lb (440 kg)
								1,490 lb* (670 kg)*					1,550 lb* (700 kg)*	
+7.5 ft (2.3 m)								1,340 lb (600 kg)	1,260 lb (570 kg)	990 lb (440 kg)	930 lb (420 kg)	15 ft 7 in (4.76 m)	920 lb (410 kg)	870 lb (390 kg)
								1,650 lb* (740 kg)*		1,620 lb* (730 kg)*			1,520 lb* (680 kg)*	
+5 ft (1.5 m)								1,280 lb (580 kg)	1,210 lb (540 kg)	960 lb (430 kg)	910 lb (410 kg)	16 ft 1 in (4.90 m)	860 lb (390 kg)	810 lb (360 kg)
								2,870 lb (1 300 kg)		2,640 lb (1 190 kg)			1,810 lb (820 kg)	
+2.5 ft (0.8 m)								1,700 lb (770 kg)	1,590 lb (720 kg)	1,230 lb (550 kg)	1,160 lb (520 kg)	16 ft 1 in (4.90 m)	840 lb (380 kg)	800 lb (360 kg)
								2,620 lb (1 180 kg)		2,410 lb (1 090 kg)			2,210 lb* (1 000 kg)*	
Groundline								1,630 lb (730 kg)	1,530 lb (690 kg)	1,190 lb (530 kg)	1,120 lb (500 kg)	15 ft 7 in (4.75 m)	870 lb (390 kg)	820 lb (370 kg)
								2,350 lb* (1 060 kg)*		2,350 lb* (1 060 kg)*			2,400 lb* (1 080 kg)*	
-2.5 ft (-0.8 m)								1,610 lb (730 kg)	1,500 lb (680 kg)	1,170 lb (530 kg)	1,100 lb (490 kg)	14 ft 6 in (4.44 m)	960 lb (430 kg)	900 lb (400 kg)
								4,150 lb* (1 880 kg)*		4,150 lb* (1 880 kg)*			2,400 lb* (1 080 kg)*	
-5 ft (-1.5 m)								1,630 lb (730 kg)	1,520 lb (680 kg)	1,190 lb (530 kg)	1,120 lb (500 kg)	12 ft 9 in (3.90 m)	1,160 lb (520 kg)	1,090 lb (490 kg)
								5,690 lb (2 580 kg)		4,950 lb (2 240 kg)			2,960 lb* (1 340 kg)*	
-7.5 ft (-2.3 m)								2,960 lb* (1 340 kg)*		2,400 lb* (1 080 kg)*		9 ft 9 in (2.98 m)	1,760 lb (790 kg)	1,640 lb (740 kg)
								5,020 lb* (2 270 kg)*		5,020 lb* (2 270 kg)*			1,880 lb* (850 kg)*	

Canopy model with ACW – 5 ft 6 in (1.7 m) Arm

Lift capacities calculated using 11.8 in (300 mm) shoes, without bucket, blade up/down, counterweight +551 lb (+250 kg) Add-on.

Load (Lift Point Height) A	B	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
		I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)								1,560 lb* (700 kg)*	1,510 lb (680 kg)			12 ft 10 in (3.92 m)	1,520 lb (680 kg)	1,440 lb (650 kg)
								1,560 lb* (700 kg)*					1,610 lb* (730 kg)*	
+10 ft (3.0 m)								1,490 lb* (670 kg)*	1,490 lb* (670 kg)*			14 ft 7 in (4.45 m)	1,230 lb (550 kg)	1,170 lb (530 kg)
								1,490 lb* (670 kg)*					1,550 lb* (700 kg)*	
+7.5 ft (2.3 m)								1,570 lb (710 kg)	1,480 lb (670 kg)	1,170 lb (530 kg)	1,110 lb (500 kg)	15 ft 7 in (4.76 m)	1,090 lb (490 kg)	1,030 lb (460 kg)
								1,650 lb* (740 kg)*		1,620 lb* (730 kg)*			1,520 lb* (680 kg)*	
+5 ft (1.5 m)								1,520 lb (680 kg)	1,430 lb (640 kg)	1,150 lb (520 kg)	1,090 lb (490 kg)	16 ft 1 in (4.90 m)	1,030 lb (460 kg)	970 lb (430 kg)
								3,350 lb (1 510 kg)		3,080 lb (1 390 kg)			2,340 lb* (1 060 kg)*	
+2.5 ft (0.8 m)								1,460 lb (660 kg)	1,380 lb (620 kg)	1,120 lb (500 kg)	1,060 lb (480 kg)	16 ft 1 in (4.90 m)	1,010 lb (450 kg)	960 lb (430 kg)
								3,110 lb (1 410 kg)		2,850 lb (1 290 kg)			2,210 lb* (1 000 kg)*	
Groundline								1,420 lb (640 kg)	1,340 lb (600 kg)	1,100 lb (490 kg)	1,040 lb (470 kg)	15 ft 7 in (4.75 m)	1,050 lb (470 kg)	990 lb (440 kg)
								2,350 lb* (1 060 kg)*		2,350 lb* (1 060 kg)*			2,400 lb* (1 080 kg)*	
-2.5 ft (-0.8 m)								1,410 lb (630 kg)	1,320 lb (590 kg)	1,110 lb (500 kg)	1,040 lb (470 kg)	14 ft 6 in (4.44 m)	1,150 lb (520 kg)	1,080 lb (480 kg)
								4,150 lb* (1 880 kg)*		4,150 lb* (1 880 kg)*			2,400 lb* (1 080 kg)*	
-5 ft (-1.5 m)								1,430 lb (640 kg)	1,340 lb (600 kg)	1,110 lb (500 kg)	1,040 lb (470 kg)	12 ft 9 in (3.90 m)	1,390 lb (630 kg)	1,300 lb (580 kg)
								6,400 lb* (2 900 kg)*		5,840 lb (2 640 kg)			2,960 lb* (1 340 kg)*	
-7.5 ft (-2.3 m)								2,960 lb* (1 340 kg)*		2,400 lb* (1 080 kg)*		9 ft 9 in (2.98 m)	1,880 lb* (850 kg)*	1,880 lb* (850 kg)*
								5,020 lb* (2 270 kg)*		5,020 lb* (2 270 kg)*			1,880 lb* (850 kg)*	

NOTE: *Lift capacities marked with an asterisk (*) are limited by 87% hydraulic capacity.

STANDARD EQUIPMENT

ENGINE

Yanmar 3TNV88F-E diesel
4 Cycle
Water cooled
Direct injection
One touch decelerator
Engine access under rear hood
Dry type air cleaner with restriction indicator
Glow plug starting aid

ELECTRICAL

12-volt electrical starting system
Heavy-duty battery
Horn

HYDRAULICS

Auxiliary hydraulics – single/bi-directional – and plumbing to arm
Large hydraulic oil cooler
Control pattern selector valve

TRACK DRIVE

Rubber tracks
Automatic 2-speed travel
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track tension adjustment – grease type
Disc type parking brake – auto release and apply

UPPER STRUCTURE

Zero tail swing
Swing lock
Swing brake
Swing shock valve

OPERATOR ENVIRONMENT

See page 1

OTHER

Swing boom – 70° left/60° right
Hydraulic backfill blade

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Cab enclosure with heater and A/C
Radio
Operator front guard
Rearview mirror
Rear under mirror
LCD Monitor

OTHER

Steel tracks
5 ft 3 in (1.59 m) arm
Mechanical coupler
Travel alarm
Additional counterweight
Arm/bucket cylinder rod cover
Air filter double element
4-way backfill blade
Rotating beacon
Thumb cylinder bracket – Standard arm only

BUCKETS

Width	SAE Heaped Capacity	Weight
12 in (305 mm)	2.13 ft ³ (0.060 m ³)	155 lb (70 kg)
24 in (610 mm)	4.25 ft ³ (0.120 m ³)	218 lb (99 kg)
36 in (914 mm)	6.60 ft ³ (0.186 m ³)	290 lb (132 kg)

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