



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	7,672 lb (3 480 kg) +551 lb (250 kg)
Canopy operating weight w/ counterweight	7,320 lb (3 320 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:

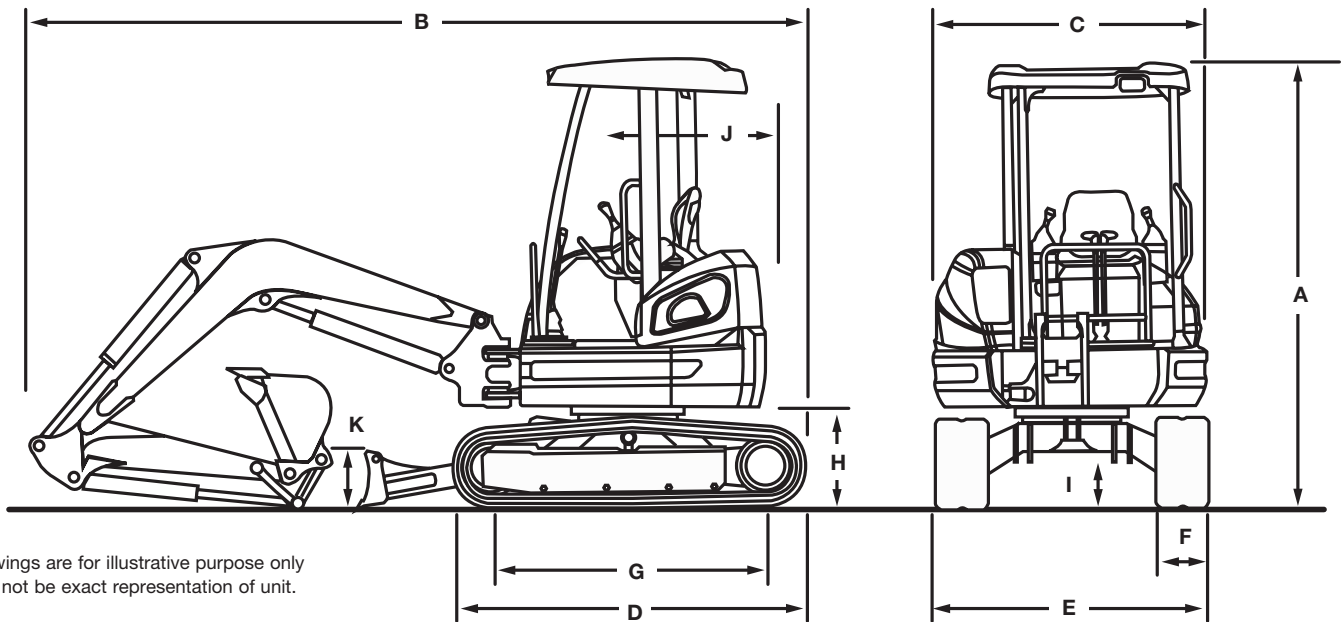
Motors – 2	Two-speed axial piston
Final drive	Planetary gear reduction

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 1 in (2 460 mm)
Arm:	
Length	4 ft 4 in (1 320 mm)

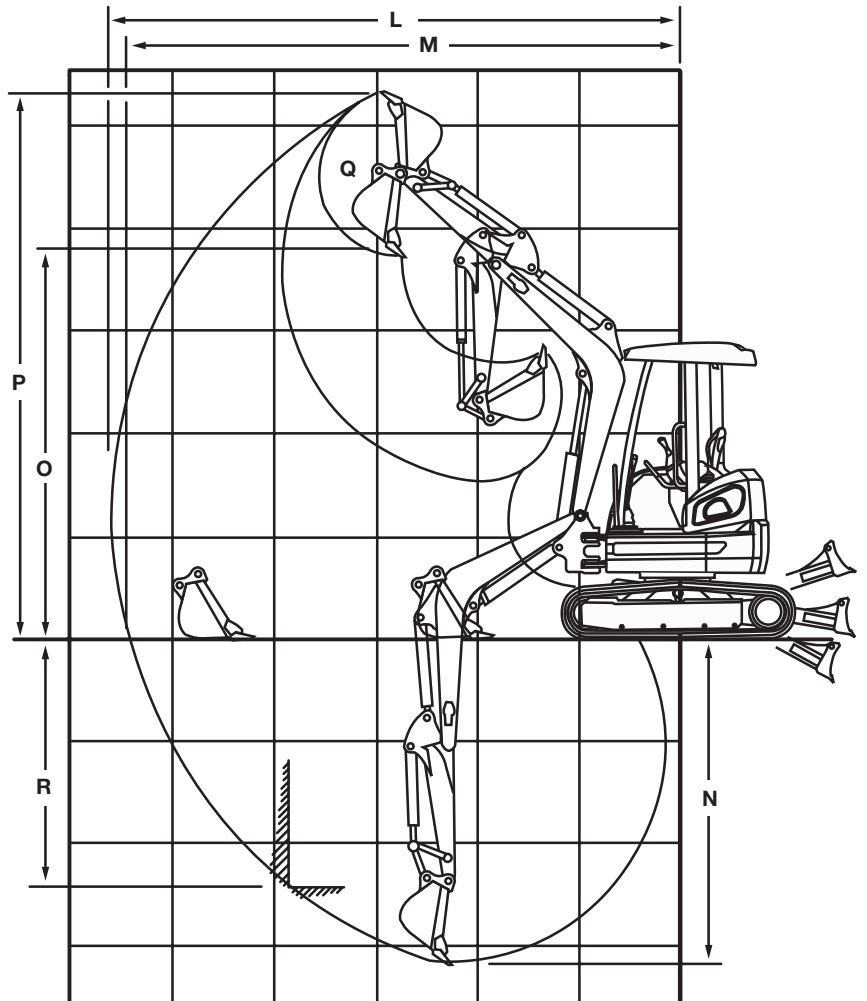


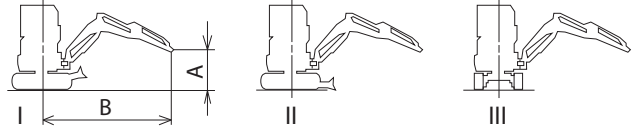
DIMENSIONS

	4 ft 4 in (1.32 m) Arm
A. Overall height	8 ft 3 in (2 510 mm)
B. Overall length	15 ft 6 in (4 730 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 1 in (1 550 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 7 in (775 mm)
K. Backfill blade height	1 ft 2 in (345 mm)
Working weight	7,672 lb (3 480 kg)
Ground pressure	4.4 psi (30.3 kPa)
Boom swing	70° left /60° right
Tail swing overhang	0 ft 0 in (0 m)

PERFORMANCE SPECS

	4 ft 4 in (1.32 m) Arm
L. Maximum dig radius	17 ft 1 in (5 200 mm)
M. Dig radius at groundline	16 ft 6 in (5 040 mm)
N. Maximum dig depth	9 ft 3 in (2 820 mm)
O. Dump height	11 ft 3 in (3 420 mm)
P. Overall reach height	15 ft 9 in (4 800 mm)
Q. Bucket rotation	0°
R. Vertical straight wall dig depth	7 ft 9 in (2 360 mm)
Arm digging force	4,294 lb (19.1 kN)
Bucket digging force: 2 position bucket	6,227 lb (27.7 kN)





Cab model without ACW – 4 ft 4 in (1.3 m) Arm

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

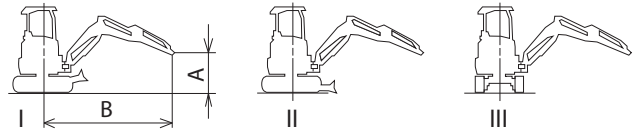
Load (Lift Point Height) A	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		MAXIMUM REACH		
	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)									10 ft 10 in (3.31 m)	1,480 lb (670 kg)	1,170 lb (530 kg)
+10 ft (3.0 m)							1,170 lb (530 kg)	930 lb (420 kg)	12 ft 11 in (3.94 m)	1,810 lb* (820 kg)*	870 lb (390 kg)
+7.5 ft (2.3 m)					1,650 lb (740 kg)	1,310 lb (590 kg)	1,150 lb (520 kg)	910 lb (410 kg)	14 ft 1 in (4.30 m)	930 lb (420 kg)	740 lb (330 kg)
+5 ft (1.5 m)					1,950 lb* (880 kg)*		1,750 lb* (770 kg)*		14 ft 8 in (4.47 m)	1,710 lb* (770 kg)*	680 lb (300 kg)
+2.5 ft (0.8 m)					1,560 lb (700 kg)	1,220 lb (550 kg)	1,110 lb (500 kg)	870 lb (390 kg)	14 ft 7 in (4.46 m)	860 lb (390 kg)	660 lb (290 kg)
Groundline			2,220 lb (1 000 kg)	1,650 lb (740 kg)	1,430 lb (640 kg)	1,140 lb (510 kg)	1,070 lb (480 kg)	830 lb (370 kg)	14 ft 1 in (4.30 m)	840 lb (380 kg)	660 lb (290 kg)
			4,580 lb* (2 070 kg)*		2,970 lb* (1 340 kg)*	1,100 lb (490 kg)	2,160 lb* (970 kg)*	810 lb (360 kg)		1,790 lb* (810 kg)*	690 lb (310 kg)
-2.5 ft (-0.8 m)	4,430 lb* (2 000 kg)*	3,390 lb (1 530 kg)	2,230 lb (1 010 kg)	1,670 lb (750 kg)	1,420 lb (640 kg)	1,090 lb (490 kg)	1,040 lb (470 kg)	810 lb (360 kg)	12 ft 10 in (3.93 m)	1,000 lb (450 kg)	780 lb (350 kg)
-5 ft (-1.5 m)	4,430 lb* (2 000 kg)*		4,090 lb* (1 850 kg)*		2,770 lb* (1 250 kg)*		1,950 lb* (880 kg)*			1,800 lb* (810 kg)*	
	4,890 lb* (2 210 kg)*	3,480 lb (1 570 kg)	2,290 lb (1 030 kg)	1,720 lb (780 kg)	1,460 lb (660 kg)	1,130 lb (510 kg)			10 ft 9 in (3.28 m)	1,320 lb (590 kg)	1,030 lb (460 kg)
	4,890 lb* (2 210 kg)*		3,070 lb* (1 390 kg)*		2 060 lb* (930 kg)*					1,710 lb* (770 kg)*	

Cab model with ACW – 4 ft 4 in (1.3 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	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 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
+12.5 ft (3.8 m)									10 ft 10 in (3.31 m)	1,710 lb (770 kg)	1,370 lb (620 kg)
+10 ft (3.0 m)							1,370 lb (620 kg)	1,100 lb (490 kg)	12 ft 11 in (3.94 m)	1,810 lb* (820 kg)*	1,030 lb (460 kg)
+7.5 ft (2.3 m)					1,920 lb (870 kg)	1,530 lb (690 kg)	1,350 lb (610 kg)	1,080 lb (480 kg)	14 ft 1 in (4.30 m)	1,280 lb (580 kg)	880 lb (390 kg)
+5 ft (1.5 m)					1,950 lb* (880 kg)*		1,750 lb* (790 kg)*		14 ft 8 in (4.47 m)	1,710 lb* (770 kg)*	810 lb (360 kg)
+2.5 ft (0.8 m)					1,830 lb (830 kg)	1,440 lb (650 kg)	1,310 lb (590 kg)	1,040 lb (470 kg)	14 ft 7 in (4.46 m)	1,020 lb (460 kg)	800 lb (360 kg)
Groundline			2,630 lb (1 190 kg)	1,980 lb (890 kg)	1,700 lb (770 kg)	1,320 lb (590 kg)	1,240 lb (560 kg)	980 lb (440 kg)	14 ft 1 in (4.30 m)	1,010 lb (450 kg)	830 lb (370 kg)
			4,580 lb* (2 070 kg)*		2,970 lb* (1 340 kg)*	1,320 lb (590 kg)	2,160 lb* (970 kg)*	980 lb (440 kg)		1,790 lb* (810 kg)*	940 lb (420 kg)
-2.5 ft (-0.8 m)	4,430 lb* (2 000 kg)*	4,020 lb (1 820 kg)	2,640 lb (1 190 kg)	2,000 lb (900 kg)	1,690 lb (760 kg)	1,320 lb (590 kg)	1,240 lb (560 kg)	980 lb (440 kg)	12 ft 10 in (3.93 m)	1,190 lb (530 kg)	940 lb (420 kg)
-5 ft (-1.5 m)	4,430 lb* (2 000 kg)*		4,090 lb* (1 850 kg)*		2,770 lb* (1 250 kg)*		1,950 lb* (880 kg)*			1,800 lb* (810 kg)*	
	4,890 lb* (2 210 kg)*	4,110 lb (1 860 kg)	2,700 lb (1 220 kg)	2,050 lb (920 kg)	1,730 lb (780 kg)	1,350 lb (610 kg)			10 ft 9 in (3.28 m)	1,560 lb (700 kg)	1,230 lb (550 kg)
	4,890 lb* (2 210 kg)*		3,070 lb* (1 390 kg)*		2,060 lb* (930 kg)*					1,710 lb* (770 kg)*	

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



Canopy model without ACW — 4 ft 4 in (1.3 m) Arm

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

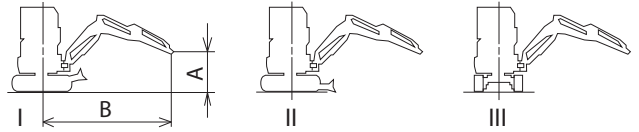
Load (Lift Point Height) A	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		MAXIMUM REACH		
	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)									10 ft 10 in (3.31 m)	1,400 lb (630 kg)	1,120 lb (500 kg)
+10 ft (3.0 m)							1,110 lb (500 kg)	880 lb (390 kg)	12 ft 11 in (3.94 m)	1,810 lb* (820 kg)*	820 lb (370 kg)
+7.5 ft (2.3 m)					1,570 lb (710 kg)	1,250 lb (560 kg)	1,090 lb (490 kg)	870 lb (390 kg)	14 ft 1 in (4.30 m)	880 lb (390 kg)	700 lb (310 kg)
+5 ft (1.5 m)					1,950 lb* (880 kg)*		1,750 lb* (790 kg)*		14 ft 8 in (4.47 m)	1,710 lb* (770 kg)*	640 lb (290 kg)
+2.5 ft (0.8 m)					1,480 lb (670 kg)	1,160 lb (520 kg)	1,050 lb (470 kg)	830 lb (370 kg)	14 ft 7 in (4.46 m)	810 lb (360 kg)	620 lb (280 kg)
					2,430 lb* (1 100 kg)*		1,940 lb* (870 kg)*			1,730 lb* (780 kg)*	
					1,390 lb (630 kg)	1,080 lb (480 kg)	1,000 lb (450 kg)	790 lb (350 kg)	14 ft 1 in (4.30 m)	790 lb (350 kg)	620 lb (280 kg)
					2,830 lb* (1 280 kg)*		2,110 lb* (950 kg)*			1,760 lb* (790 kg)*	
Groundline			2,090 lb (940 kg)	1,560 lb (700 kg)	1,340 lb (600 kg)	1,040 lb (470 kg)	980 lb (440 kg)	760 lb (340 kg)	14 ft 1 in (4.30 m)	830 lb (370 kg)	650 lb (290 kg)
			4,580 lb* (2 070 kg)*		2,970 lb* (1 340 kg)*		2,160 lb* (970 kg)*			1,790 lb* (810 kg)*	
-2.5 ft (-0.8 m)	4,430 lb* (2 000 kg)*	3,220 lb (1 460 kg)	2,110 lb (950 kg)	1,580 lb (710 kg)	1,340 lb (600 kg)	1,030 lb (460 kg)	980 lb (440 kg)	770 lb (340 kg)	12 ft 10 in (3.93 m)	940 lb (420 kg)	740 lb (330 kg)
	4,430 lb* (2 000 kg)*		4,090 lb* (1 850 kg)*		2,770 lb* (1 250 kg)*		1,950 lb* (880 kg)*			1,800 lb* (810 kg)*	
-5 ft (-1.5 m)	4,820 lb (2 180 kg)	3,300 lb (1 490 kg)	2,160 lb (970 kg)	1,630 lb (730 kg)	1,380 lb (620 kg)	1,070 lb (480 kg)			10 ft 9 in (3.28 m)	1,250 lb (560 kg)	970 lb (430 kg)
	4,890 lb* (2 210 kg)*		3,070 lb* (1 390 kg)*		2,060 lb* (930 kg)*					1,710 lb* (770 kg)*	

Canopy model with ACW — 4 ft 4 in (1.3 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	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 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
+12.5 ft (3.8 m)									10 ft 10 in (3.31 m)	1,640 lb (740 kg)	1,320 lb (590 kg)
+10 ft (3.0 m)							1,300 lb (580 kg)	1,050 lb (470 kg)	12 ft 11 in (3.94 m)	1,810 lb* (820 kg)*	990 lb (440 kg)
+7.5 ft (2.3 m)					1,840 lb (830 kg)	1,470 lb (660 kg)	1,290 lb (580 kg)	1,030 lb (460 kg)	14 ft 1 in (4.30 m)	1,220 lb (550 kg)	840 lb (380 kg)
+5 ft (1.5 m)					1,950 lb* (880 kg)*		1,750 lb* (790 kg)*		14 ft 8 in (4.47 m)	1,050 lb (470 kg)	780 lb (350 kg)
					1,740 lb (780 kg)	1,380 lb (620 kg)	1,240 lb (560 kg)	990 lb (440 kg)	14 ft 7 in (4.46 m)	1,710 lb* (770 kg)*	
					2,430 lb* (1 100 kg)*		1,940 lb* (870 kg)*			970 lb (430 kg)	
+2.5 ft (0.8 m)					1,660 lb (750 kg)	1,300 lb (580 kg)	1,200 lb (540 kg)	960 lb (430 kg)	14 ft 1 in (4.30 m)	960 lb (430 kg)	760 lb (340 kg)
					2,830 lb* (1 280 kg)*		2,110 lb* (950 kg)*			1,760 lb* (790 kg)*	
Groundline			2,500 lb (1 130 kg)	1,890 lb (850 kg)	1,610 lb (730 kg)	1,260 lb (570 kg)	1,180 lb (530 kg)	930 lb (420 kg)	14 ft 1 in (4.30 m)	1,000 lb (450 kg)	790 lb (350 kg)
			4,580 lb* (2 070 kg)*		2,970 lb* (1 340 kg)*		2,160 lb* (970 kg)*			1,790 lb* (810 kg)*	
-2.5 ft (-0.8 m)	4,430 lb* (2 000 kg)*	3,850 lb (1 740 kg)	2,520 lb (1 140 kg)	1,910 lb (860 kg)	1,610 lb (730 kg)	1,250 lb (560 kg)	1,180 lb (530 kg)	930 lb (420 kg)	12 ft 10 in (3.93 m)	1,130 lb (510 kg)	900 lb (400 kg)
	4,430 lb* (2 000 kg)*		4,090 lb* (1 850 kg)*		2,770 lb* (1 250 kg)*		1,950 lb* (880 kg)*			1,800 lb* (810 kg)*	
-5 ft (-1.5 m)	4,890 lb* (2 210 kg)*	3,940 lb (1 780 kg)	2,570 lb (1 160 kg)	1,960 lb (880 kg)	1,650 lb (740 kg)	1,290 lb (580 kg)			10 ft 9 in (3.28 m)	1,490 lb (670 kg)	1,170 lb (530 kg)
	4,890 lb* (2 210 kg)*		3,070 lb* (1 390 kg)*		2,060 lb* (930 kg)*					1,710 lb* (770 kg)*	

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



Cab model without ACW — 5 ft 4 in (1.6 m) Arm

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

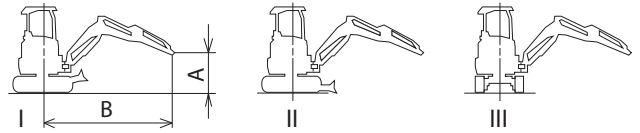
Load (Lift Point Height) A	5 ft (1.5 m)		7.5 ft (2.3 m)		10 ft (3.0 m)		12.5 ft (3.8 m)		15 ft (4.6 m)		MAXIMUM REACH		
	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	I END II END	III SIDE	@	I END II END	III SIDE
+12.5 ft (3.8 m)											12 ft 2 in (3.72 m)	1,220 lb (550 kg) 1,570 lb* (710 kg)*	970 lb (430 kg)
+10 ft (3.0 m)							1,180 lb (530 kg) 1,470 lb* (660 kg)*	940 lb (420 kg)			14 ft 0 in (4.28 m)	950 lb (430 kg) 1,420 lb* (640 kg)*	750 lb (340 kg)
+7.5 ft (2.3 m)							1,150 lb (520 kg) 1,570 lb* (710 kg)*	920 lb (410 kg)	840 lb (380 kg) 1,540 lb* (690 kg)*	660 lb (290 kg)	15 ft 1 in (4.60 m)	830 lb (370 kg) 1,380 lb* (620 kg)*	650 lb (290 kg)
+5 ft (1.5 m)			2,510 lb (1 130 kg) 3,170 lb* (1 430 kg)*	1,910 lb (860 kg)	1,580 lb (710 kg) 2,180 lb* (980 kg)*	1,230 lb (550 kg)	1,110 lb (500 kg) 1,790 lb* (810 kg)*	870 lb (390 kg)	820 lb (370 kg) 1,590 lb* (720 kg)*	650 lb (290 kg)	15 ft 7 in (4.75 m)	770 lb (340 kg) 1,400 lb* (630 kg)*	600 lb (270 kg)
+2.5 ft (0.8 m)			2,280 lb (1 030 kg) 4,340 lb* (1 960 kg)*	1,710 lb (770 kg)	1,480 lb (670 kg) 2,670 lb* (1 210 kg)*	1,140 lb (510 kg)	1,060 lb (480 kg) 2,010 lb* (910 kg)*	820 lb (370 kg)	800 lb (360 kg) 1,660 lb* (750 kg)*	620 lb (280 kg)	15 ft 7 in (4.75 m)	750 lb (340 kg) 1,490 lb* (670 kg)*	590 lb (260 kg)
Groundline			2,220 lb (990 kg) 4,630 lb* (2 100 kg)*	1,630 lb (730 kg)	1,410 lb (630 kg) 2,920 lb* (1 320 kg)*	1,080 lb (480 kg)	1,110 lb (460 kg) 2,130 lb* (960 kg)*	790 lb (350 kg)	820 lb (350 kg) 1,650 lb* (740 kg)*	610 lb (270 kg)	15 ft 1 in (4.60 m)	790 lb (350 kg) 1,630 lb* (730 kg)*	610 lb (270 kg)
-2.5 ft (-0.8 m)	3,730 lb* (1 690 kg)* 3,730 lb* (1 690 kg)*	3,290 lb (1 490 kg)	2,190 lb (990 kg) 4,350 lb* (1 970 kg)*	1,620 lb (730 kg)	1,390 lb (630 kg) 2,870 lb* (1 300 kg)*	1,060 lb (480 kg)	1,010 lb (450 kg) 2,060 lb* (930 kg)*	780 lb (350 kg)			14 ft 0 in (4.27 m)	870 lb (390 kg) 1,660 lb* (750 kg)*	670 lb (300 kg)
-5 ft (-1.5 m)	4,970 lb (2 250 kg) 5,890 lb* (2 670 kg)*	3,370 lb (1 520 kg)	2,230 lb (1 010 kg) 3,570 lb* (1 610 kg)*	1,660 lb (750 kg)	1,410 lb (630 kg) 2 410 lb* (1 090 kg)*	1,080 lb (480 kg)					12 ft 1 in (3.70 m)	1,080 lb (480 kg) 1,640 lb* (740 kg)*	840 lb (380 kg)
-7.5 ft (-2.3 m)			1,870 lb* (840 kg)* 1,870 lb* (840 kg)*	1,760 lb (790 kg)							8 ft 9 in (2.67 m)	1,360 lb* (610 kg)* 1,360 lb* (610 kg)*	1,360 lb* (610 kg)*

Cab model with ACW — 5 ft 4 in (1.6 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	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)											12 ft 2 in (3.72 m)	1,420 lb (640 kg) 1,570 lb* (710 kg)*	1,140 lb (510 kg)
+10 ft (3.0 m)							1,380 lb (620 kg) 1,470 lb* (660 kg)*	1,110 lb (500 kg)			14 ft 0 in (4.28 m)	1,120 lb (500 kg) 1,420 lb* (640 kg)*	900 lb (400 kg)
+7.5 ft (2.3 m)							1,350 lb (610 kg) 1,570 lb* (710 kg)*	1,080 lb (480 kg)	1,000 lb (450 kg) 1,540 lb* (690 kg)*	800 lb (360 kg)	15 ft 1 in (4.60 m)	980 lb (440 kg) 1,380 lb* (620 kg)*	790 lb (350 kg)
+5 ft (1.5 m)			2,920 lb (1 320 kg) 3,170 lb* (1 430 kg)*	2,240 lb (1 010 kg)	1,840 lb (830 kg) 2,180 lb* (980 kg)*	1,460 lb (660 kg)	1,310 lb (590 kg) 1,790 lb* (810 kg)*	1,040 lb (470 kg)	960 lb (440 kg) 1,590 lb* (720 kg)*	780 lb (350 kg)	15 ft 7 in (4.75 m)	920 lb (410 kg) 1,400 lb* (630 kg)*	730 lb (330 kg)
+2.5 ft (0.8 m)			2,690 lb (1 220 kg) 4,340 lb* (1 960 kg)*	2,040 lb (920 kg)	1,740 lb (780 kg) 2,670 lb* (1 210 kg)*	1,360 lb (610 kg)	1,260 lb (570 kg) 2,010 lb* (910 kg)*	990 lb (440 kg)	960 lb (430 kg) 1,660 lb* (750 kg)*	760 lb (340 kg)	15 ft 7 in (4.75 m)	900 lb (400 kg) 1,490 lb* (670 kg)*	720 lb (320 kg)
Groundline			2,610 lb (1 180 kg) 4,630 lb* (2 100 kg)*	1,960 lb (880 kg)	1,680 lb (760 kg) 2,920 lb* (1 320 kg)*	1,300 lb (580 kg)	1,220 lb (550 kg) 2,130 lb* (960 kg)*	960 lb (430 kg)	950 lb (430 kg) 1,650 lb* (740 kg)*	750 lb (340 kg)	15 ft 1 in (4.60 m)	940 lb (420 kg) 1,630 lb* (730 kg)*	740 lb (330 kg)
-2.5 ft (-0.8 m)	3,730 lb* (1 690 kg)* 3,730 lb* (1 690 kg)*	3,730 lb* (1 690 kg)*	2,600 lb (1 170 kg) 4,350 lb* (1 970 kg)*	1,960 lb (880 kg)	1,660 lb (750 kg) 2,870 lb* (1 300 kg)*	1,290 lb (580 kg)	1,210 lb (540 kg) 2,060 lb* (930 kg)*	950 lb (430 kg)			14 ft 0 in (4.27 m)	1,040 lb (470 kg) 1,660 lb* (750 kg)*	820 lb (370 kg)
-5 ft (-1.5 m)	5,840 lb (2 640 kg) 5,890 lb* (2 670 kg)*	4,000 lb (1 810 kg)	2,640 lb (1 190 kg) 3,570 lb* (1 610 kg)*	1,990 lb (900 kg)	1,680 lb (760 kg) 2 410 lb* (1 090 kg)*	1,310 lb (590 kg)					12 ft 1 in (3.70 m)	1,290 lb (580 kg) 1,640 lb* (740 kg)*	1,010 lb (450 kg)
-7.5 ft (-2.3 m)			1,870 lb* (840 kg)* 1,870 lb* (840 kg)*	1,870 lb* (840 kg)*							8 ft 9 in (2.67 m)	1,360 lb* (610 kg)* 1,360 lb* (610 kg)*	1,360 lb* (610 kg)*

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



Canopy model without ACW — 5 ft 4 in (1.6 m) Arm

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

Load (Lift Point Height) A	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)											12 ft 2 in (3.72 m)	1,150 lb (520 kg) 1,570 lb* (710 kg)*	920 lb (410 kg)
+10 ft (3.0 m)							1,120 lb (500 kg) 1,470 lb* (660 kg)*	900 lb (400 kg)			14 ft 0 in (4.28 m)	900 lb (400 kg) 1,420 lb* (640 kg)*	710 lb (320 kg)
+7.5 ft (2.3 m)							1,090 lb (490 kg) 1,570 lb* (710 kg)*	870 lb (390 kg)	790 lb (350 kg) 1,540 lb* (690 kg)*	620 lb (280 kg)	15 ft 1 in (4.60 m)	780 lb (350 kg) 1,380 lb* (620 kg)*	610 lb (270 kg)
+5 ft (1.5 m)			2,390 lb (1 080 kg) 3,170 lb* (1 430 kg)*	1,820 lb (820 kg)	1,490 lb (670 kg) 2,180 lb* (980 kg)*	1,170 lb (530 kg)	1,050 lb (470 kg) 1,790 lb* (810 kg)*	830 lb (370 kg)	770 lb (340 kg) 1,590 lb* (720 kg)*	610 lb (270 kg)	15 ft 7 in (4.75 m)	720 lb (320 kg) 1,400 lb* (630 kg)*	570 lb (250 kg)
+2.5 ft (0.8 m)			2,160 lb (970 kg) 4,340 lb* (1 960 kg)*	1,620 lb (730 kg)	1,390 lb (630 kg) 2,670 lb* (1 210 kg)*	1,080 lb (480 kg)	1,000 lb (450 kg) 2,010 lb* (910 kg)*	780 lb (350 kg)	750 lb (340 kg) 1,660 lb* (750 kg)*	590 lb (260 kg)	15 ft 7 in (4.75 m)	710 lb (320 kg) 1,490 lb* (670 kg)*	550 lb (240 kg)
Groundline			2,070 lb (930 kg) 4,630 lb* (2 100 kg)*	1,540 lb (690 kg)	1,330 lb (600 kg) 2,920 lb* (1 320 kg)*	1,020 lb (460 kg)	960 lb (430 kg) 2,130 lb* (960 kg)*	740 lb (330 kg)	740 lb (330 kg) 1,650 lb* (740 kg)*	570 lb (250 kg)	15 ft 1 in (4.60 m)	730 lb (330 kg) 1,630 lb* (730 kg)*	570 lb (250 kg)
-2.5 ft (-0.8 m)	3,730 lb* (1 690 kg)* 3,730 lb* (1 690 kg)*	3,110 lb (1 410 kg)	2,060 lb (930 kg) 4,350 lb* (1 970 kg)*	1,540 lb (690 kg)	1,310 lb (590 kg) 2,870 lb* (1 300 kg)*	1,000 lb (450 kg)	950 lb (430 kg) 2,060 lb* (930 kg)*	730 lb (330 kg)			14 ft 0 in (4.27 m)	820 lb (370 kg) 1,660 lb* (750 kg)*	630 lb (280 kg)
-5 ft (-1.5 m)	4,700 lb (2 130 kg) 5,890 lb* (2 670 kg)*	3,200 lb (1 450 kg)	2,100 lb (950 kg) 3,570 lb* (1 610 kg)*	1,570 lb (710 kg)	1,330 lb (600 kg) 2 410 lb* (1 090 kg)*	1,020 lb (460 kg)					12 ft 1 in (3.70 m)	1,020 lb (460 kg) 1,640 lb* (740 kg)*	790 lb (350 kg)
-7.5 ft (-2.3 m)			1,870 lb* (840 kg)* 1,870 lb* (840 kg)*	1,670 lb (750 kg)							8 ft 9 in (2.67 m)	1,360 lb* (610 kg)* 1,360 lb* (610 kg)*	1,320 lb (590 kg)

Canopy model with ACW — 5 ft 4 in (1.6 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	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)											12 ft 2 in (3.72 m)	1,360 lb (610 kg) 1,570 lb* (710 kg)*	1,100 lb (490 kg)
+10 ft (3.0 m)							1,320 lb (590 kg) 1,470 lb* (660 kg)*	1,060 lb (480 kg)			14 ft 0 in (4.28 m)	1,070 lb (480 kg) 1,420 lb* (640 kg)*	860 lb (390 kg)
+7.5 ft (2.3 m)							1,290 lb (580 kg) 1,570 lb* (710 kg)*	1,040 lb (470 kg)	950 lb (430 kg) 1,540 lb* (690 kg)*	760 lb (340 kg)	15 ft 1 in (4.60 m)	940 lb (420 kg) 1,380 lb* (620 kg)*	750 lb (340 kg)
+5 ft (1.5 m)			2,790 lb (1 260 kg) 3,170 lb* (1 430 kg)*	2,150 lb (970 kg)	1,760 lb (790 kg) 2,180 lb* (980 kg)*	1,400 lb (630 kg)	1,240 lb (560 kg) 1,790 lb* (810 kg)*	990 lb (440 kg)	930 lb (420 kg) 1,590 lb* (720 kg)*	740 lb (330 kg)	15 ft 7 in (4.75 m)	870 lb (390 kg) 1,400 lb* (630 kg)*	690 lb (310 kg)
+2.5 ft (0.8 m)			2,570 lb (1 160 kg) 4,340 lb* (1 960 kg)*	1,950 lb (880 kg)	1,660 lb (750 kg) 2,670 lb* (1 210 kg)*	1,300 lb (580 kg)	1,200 lb (540 kg) 2,010 lb* (910 kg)*	950 lb (430 kg)	910 lb (410 kg) 1,660 lb* (750 kg)*	720 lb (320 kg)	15 ft 7 in (4.75 m)	860 lb (390 kg) 1,490 lb* (670 kg)*	680 lb (300 kg)
Groundline			2,480 lb (1 120 kg) 4,630 lb* (2 100 kg)*	1,870 lb (840 kg)	1,160 lb (520 kg) 2,920 lb* (1 320 kg)*	1,240 lb (560 kg)	1,160 lb (520 kg) 2,130 lb* (960 kg)*	910 lb (410 kg)	900 lb (400 kg) 1,650 lb* (740 kg)*	710 lb (320 kg)	15 ft 1 in (4.60 m)	890 lb (400 kg) 1,630 lb* (730 kg)*	700 lb (310 kg)
-2.5 ft (-0.8 m)	3,730 lb* (1 690 kg)* 3,730 lb* (1 690 kg)*	3,730 lb* (1 690 kg)*	2,470 lb (1 120 kg) 4,350 lb* (1 970 kg)*	1,870 lb (840 kg)	1,580 lb (710 kg) 2,870 lb* (1 300 kg)*	1,230 lb (550 kg)	1,150 lb (520 kg) 2,060 lb* (930 kg)*	900 lb (400 kg)			14 ft 0 in (4.27 m)	990 lb (440 kg) 1,660 lb* (750 kg)*	780 lb (350 kg)
-5 ft (-1.5 m)	5,570 lb (2 520 kg) 5,890 lb* (2 670 kg)*	3,830 lb (1 730 kg)	2,510 lb (1 130 kg) 3,570 lb* (1 610 kg)*	1,900 lb (860 kg)	1,600 lb (720 kg) 2 410 lb* (1 090 kg)*	1,240 lb (560 kg)					12 ft 1 in (3.70 m)	1,220 lb (550 kg) 1,640 lb* (740 kg)*	970 lb (430 kg)
-7.5 ft (-2.3 m)			1,870 lb* (840 kg)* 1,870 lb* (840 kg)*	1,870 lb* (840 kg)*							8 ft 9 in (2.67 m)	1,360 lb* (610 kg)* 1,360 lb* (610 kg)*	1,360 lb* (610 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 4 in (1.62 m) arm
Mechanical coupler
Travel alarm
Additional counterweight
Arm/bucket cylinder rod cover
Air filter double element
4-way backfill blade
Rotating beacon

BUCKETS

Width	SAE Heaped Capacity	Weight
12 in (305 mm)	2.13 ft ³ (0.060 m ³)	155 lb (70 kg)
18 in (457 mm)	3.19 ft ³ (0.090 m ³)	182 lb (83 kg)
24 in (610 mm)	4.25 ft ³ (0.120 m ³)	218 lb (99 kg)

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