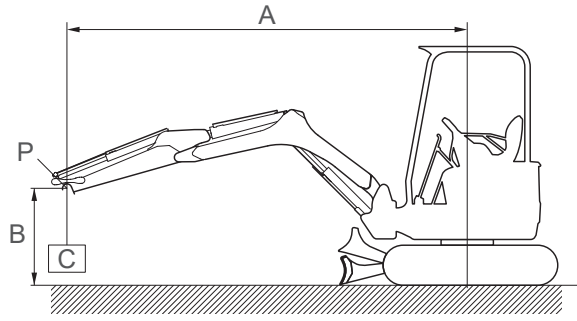


Lifting Capacity



With: Canopy and rubber track

Without: Bucket

A: Reach from swing center line [m (in.)]

B: Load point height [m (in.)]

C: Lifting load [kg (lbs.)]

P: Load point

: Rating over front

: Rating over side or 180 degrees

Loads shown in table include weight of standard bucket [37kg (82lbs.)].

Blade on ground [Track width : 1280mm (extended)]

Unit: kg (lbs.)

A [m (in.)]	Max.		2.5 (98.4)		2.0 (78.7)		Min.	
B [m (in.)]								
2.0 (78.7)	*340 (749)	230 (507)	*320 (705)	*320 (705)	-	-	-	-
1.5 (59.1)	*350 (771)	200 (440)	*370 (815)	*350 (771)	*420 (925)	*420 (925)	-	-
1.0 (39.4)	*350 (771)	190 (418)	*440 (970)	290 (639)	*590 (1300)	410 (903)	*770 (1697)	530 (1168)
0.5 (19.7)	*370 (815)	190 (418)	*500 (1102)	280 (617)	*710 (1565)	380 (837)	*920 (2028)	480 (1058)
0 (0)	*380 (837)	200 (440)	*530 (1168)	280 (617)	*740 (1631)	370 (815)	*970 (2138)	590 (1300)
-0.5 (-19.7)	*400 (881)	220 (485)	*520 (1146)	270 (595)	*720 (1587)	360 (793)	-	-
-1.0 (-39.4)	*400 (881)	260 (573)	*440 (970)	270 (595)	*620 (1366)	360 (793)	-	-

Blade above ground [Track width : 1280mm (extended)]

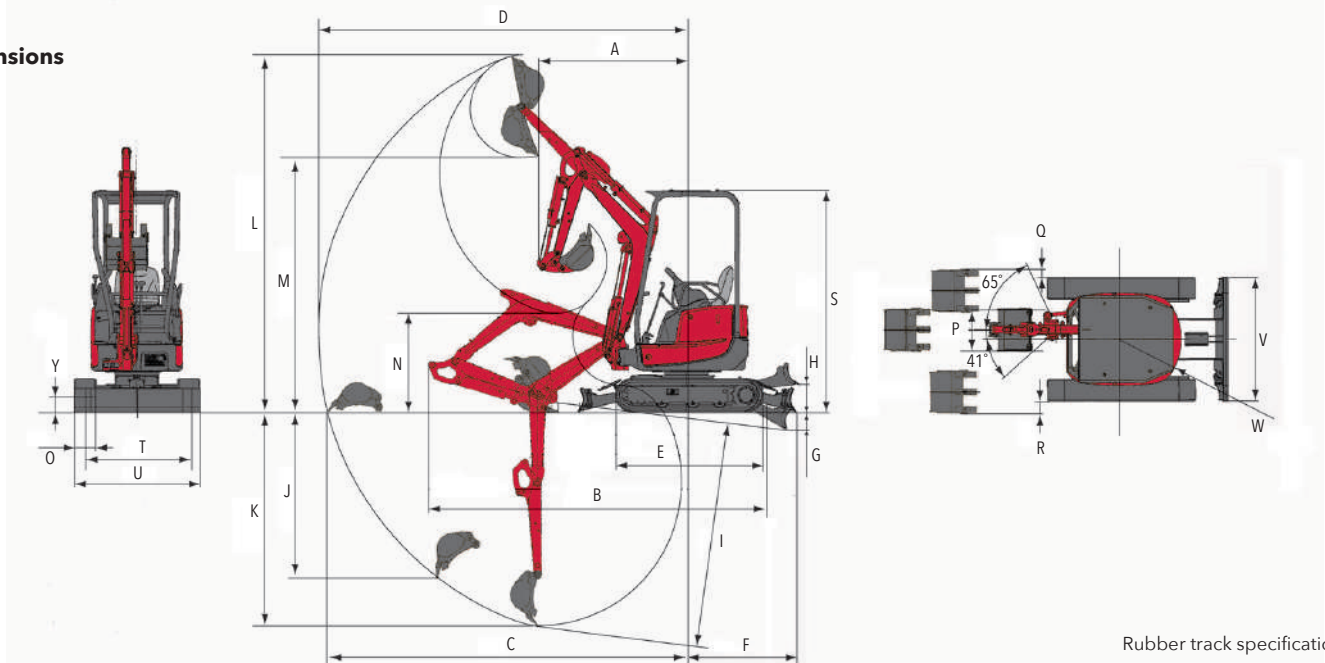
Unit: kg (lbs.)

A [m (in.)]	Max.		2.5 (98.4)		2.0 (78.7)		Min.	
B [m (in.)]								
2.0 (78.7)	230 (507)	230 (507)	*320 (705)	*320 (705)	-	-	-	-
1.5 (59.1)	200 (440)	200 (440)	300 (661)	*350 (771)	*420 (925)	*420 (925)	-	-
1.0 (39.4)	200 (440)	190 (418)	300 (661)	290 (639)	430 (947)	410 (903)	530 (1168)	530 (1168)
0.5 (19.7)	190 (418)	190 (418)	280 (617)	280 (617)	390 (859)	380 (837)	500 (1102)	480 (1058)
0 (0)	190 (418)	200 (440)	260 (573)	280 (617)	350 (771)	370 (815)	590 (1300)	590 (1300)
-0.5 (-19.7)	200 (440)	220 (485)	250 (551)	270 (595)	350 (771)	360 (793)	-	-
-1.0 (-39.4)	260 (573)	260 (573)	270 (595)	270 (595)	360 (793)	360 (793)	-	-

Note:

The lifting load with the asterisk (*) mark is limited by hydraulic lifting capacity rather than tipping. The lifting capacity shown in the above list is based on the ISO Standard No. 10567 and represents either 87% of hydraulic lifting capacity or 75% of tipping load, which is smaller.

● Dimensions



Rubber track specification

Unit: mm (in.)

	A <at boom swing>	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	Y
ViO17-1	1540 (60.6)	3460	3730	3820	1540	1120	200	265	2310	1800	2210	3690	2620	1010	230	450	85-250	125-290	2320	720-1050	950-1280	950 / 1280	640	165
Canopy	<1390 (54.7)>	(136.2)	(146.9)	(150.4)	(60.6)	(44.1)	(7.9)	(10.4)	(90.9)	(70.9)	(87.0)	(145.3)	(103.1)	(39.8)	(9.1)	(17.7)	(3.3-9.8)	(4.9-11.4)	(91.3)	(28.3-41.3)	(37.4-50.4)	(37.4 / 50.4)	(25.2)	(6.5)

● Specifications

MODEL			ViO17-1	
TYPE			Canopy	
			Sliding variable undercarriage	
WEIGHT	Operating weight	Rubber track	kg (lbs.)	1785 (3935.2)
		Steel track	kg (lbs.)	1870 (4122.6)
ENGINE	Type	Vertical 3-cylinder water-cooled diesel engine		
	Model	3TNV70-XBV		
	Rated output, gross	kW (HP) / rpm		10.1 (13.5) / 2200
BUCKET	Capacity, standard	cu.m (cu.ft)		0.04 (1.41)
	Width, standard	mm (in.)		450 (17.7)
PERFORMANCE	Max. digging force	Bucket	kN (lbs.)	15.2 (3418)
		Arm	kN (lbs.)	8.6 (1933)
	Max. digging depth <at the blade down>	mm (in.)		2210 (87.0)
	Max. vertical wall digging depth	mm (in.)		<2310 (90.9)>
	Max. cutting height	mm (in.)		1800 (70.9)
	Max. dumping height	mm (in.)		3690 (145.3)
	Max. digging radius of the ground	mm (in.)		2620 (103.1)
	3730 (146.9)			
Front min. swing radius <at swinging the boom>	mm (in.)		1540 (60.6)	
Boom swing angle: left / right	degrees		<1390 (54.7)>	
			41 / 65	
SPEED	Travel speed: high / low	Rubber track	km/h (mph)	4.2 (2.6) / 2.1 (1.3)
		Steel track	km/h (mph)	3.7 (2.3) / 1.9 (1.2)
	Swing speed	rpm		9.5
GROUND PRESSURE	With standard track	Rubber track	kPa (PSI)	29.0 (4.2)
		Steel track	kPa (PSI)	30.3 (4.4)
TANK CAPACITY	Fuel tank	L (gal)		20.0 (5.3)
	Hydraulic oil tank	L (gal)		16.5 (4.4)
HYDRAULIC SYSTEM	Pump displacement	L/min (gpm)		17.6 (4.65)×2 <Variable displacement pump>
				13.2 (3.48)×1 <Gear pump>, 7.9 (2.09)×1 <Gear pump>
	Relief set pressure	MPa (PSI)		20.6 (2986)×2, 16.7 (2417)×1, 2.9 (427)×1
	Max. P.T.O. output	L/min (gpm)		30.8 (8.1)

All data are subject to change without notice. Note that the standard equipment may vary. Consult your YANMAR dealer for confirmation.

YANMAR COMPACT EQUIPMENT



yanmar.com