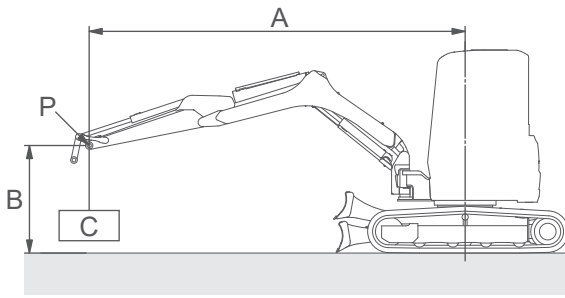


# Lifting Capacity



With: Canopy and rubber track  
 Without: Quick coupler and 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 [71kg (157lbs.)] and quick coupler [40kg (88lbs.)].









Unit: kg (lbs.)

## Blade on ground

A [m (in.)]	Max.		3.0 (118.1)		2.5 (98.5)		2.0 (78.7)	
B [m (in.)]								
3.0 (118.1)	*460 (1014)	390 (859)	-	-	-	-	-	-
2.5 (98.5)	*460 (1014)	340 (749)	*460 (1014)	390 (859)	-	-	-	-
2.0 (78.7)	*470 (1036)	310 (683)	*460 (1014)	360 (793)	-	-	-	-
1.0 (39.4)	*490 (1080)	270 (595)	*620 (1366)	290 (639)	*760 (1675)	*760 (1675)	-	-
0 (0)	*520 (1146)	320 (705)	*730 (1609)	400 (881)	*950 (2094)	510 (1124)	*1310 (2888)	720 (1587)
-1.0 (-39.4)	*540 (1190)	330 (727)	*700 (1543)	390 (859)	*920 (2028)	500 (1102)	*1200 (2645)	700 (1543)
-1.5 (-59.1)	*530 (1168)	410 (903)	-	-	*760 (1675)	510 (1124)	*960 (2116)	680 (1499)

## Blade above ground

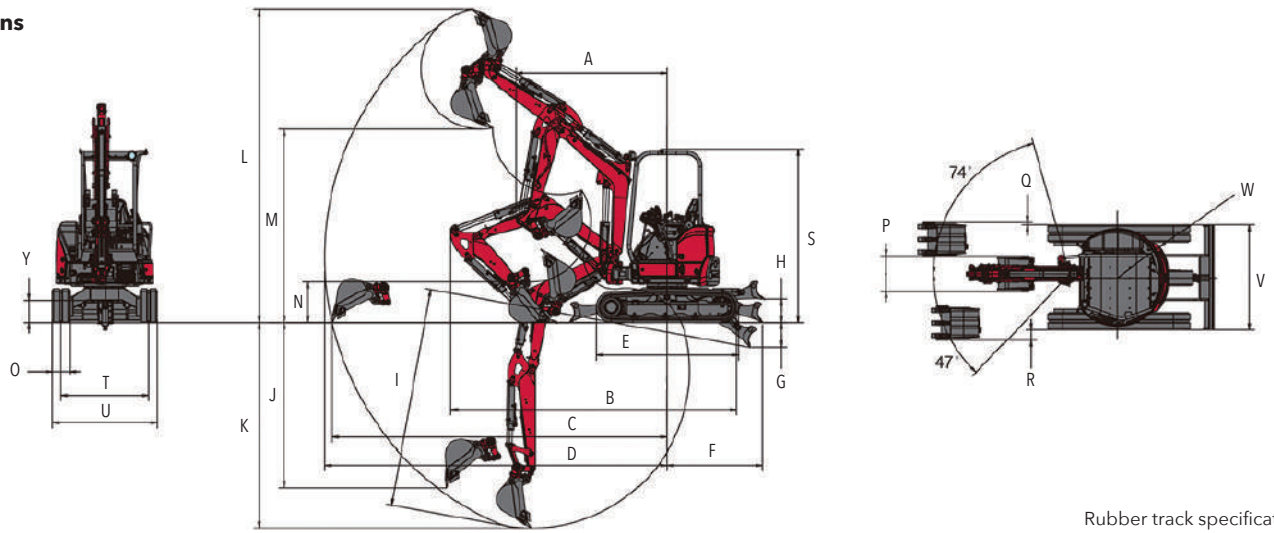
Unit: kg (lbs.)

A [m (in.)]	Max.		3.0 (118.1)		2.5 (98.5)		2.0 (78.7)	
B [m (in.)]								
3.0 (118.1)	*450 (992)	380 (837)	-	-	-	-	-	-
2.5 (98.5)	400 (881)	330 (727)	*460 (1014)	*450 (992)	-	-	-	-
2.0 (78.7)	360 (793)	300 (661)	*460 (1014)	360 (793)	-	-	-	-
1.0 (39.4)	320 (705)	270 (595)	*600 (1322)	440 (970)	*760 (1675)	*760 (1675)	-	-
0 (0)	330 (727)	270 (595)	480 (1058)	400 (881)	630 (1388)	510 (1124)	890 (1962)	690 (1521)
-1.0 (-39.4)	390 (859)	320 (705)	470 (1036)	380 (837)	600 (1322)	500 (1102)	870 (1918)	700 (1543)
-1.5 (-59.1)	470 (1036)	400 (881)	-	-	610 (1344)	510 (1124)	840 (1851)	680 (1499)

### 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
ViO25-6A Canopy	With quick coupler	2160 (85.0) <1840 (72.4)>	4090 (161.0)	4800 (189.0)	4910 (193.3)					3150 (124.0)	2370 (93.3)	2950 (116.1)	4480 (176.4)	2780 (109.4)	585 (23.0)					2490 (98.0)					
	Without quick coupler	1990 (78.3) <1680 (66.1)>	4120 (162.2)	4640 (182.7)	4750 (187.0)	2040 (80.3)	1380 (54.3)	355 (14.0)	340 (13.4)	2990 (117.7)	2490 (98.0)	2790 (109.8)	4330 (170.5)	2930 (115.4)	705 (27.8)	250 (9.8)	490 (19.3)	35 (1.4)	145 (5.7)			1250 (49.2)	1500 (59.1)	1500 (59.1)	750 (29.5)
ViO25-6A Cabin	With quick coupler	2160 (85.0) <1840 (72.4)>	4090 (161.0)	4800 (189.0)	4910 (193.3)					3150 (124.0)	2370 (93.3)	2950 (116.1)	4480 (176.4)	2780 (109.4)	585 (23.0)					2530 (99.6)					
	Without quick coupler	1990 (78.3) <1680 (66.1)>	4120 (162.2)	4640 (182.7)	4750 (187.0)					2990 (117.7)	2490 (98.0)	2790 (109.8)	4330 (170.5)	2930 (115.4)	705 (27.8)										

## ● Specifications

MODEL	ViO25-6A						
TYPE	With quick coupler		Without quick coupler				
	Canopy	Cabin	Canopy	Cabin			
WEIGHT	Operating weight	Rubber track	lbs. [kg]	2685 (5919)	2815 (6206)	2635 (5809)	2765 (6096)
		Steel track	lbs. [kg]	2795 (6162)		2925 (6449)	2875 (6338)
ENGINE	Type	Vertical in-line water cooled 4-cycle diesel engine					
	Model	3TNV80F-SXNBV					
	Rated output, gross	kW (HP) / rpm 15.2 (20.4) / 2500					
BUCKET	Capacity, standard	cu.m (cu.ft) 0.08 (2.83)					
	Width, standard	mm (in.) 490 (19.3)					
PERFORMANCE	Max. digging force	Bucket	kN (lbs.)	18.2 (4079)		23.1 (5203)	
		Arm	kN (lbs.)	11.7 (2624)		12.6 (2844)	
	Max. digging depth <at the blade down>		mm (in.)	2950 (116.1) <3150 (124.0)>		2790 (109.8) <2990 (117.7)>	
			mm (in.)	2370 (93.3)		2490 (98.0)	
	Max. vertical wall digging depth		mm (in.)	2370 (93.3)		2490 (98.0)	
	Max. cutting height		mm (in.)	4480 (176.4)		4330 (170.5)	
	Max. dumping height		mm (in.)	2780 (109.4)		2930 (115.4)	
	Max. digging radius of the ground		mm (in.)	4800 (189.0)		4640 (182.7)	
Front min. swing radius <at swinging the boom>		mm (in.)	2160 (85.0) <1840 (72.4)>		1990 (78.3) <1680 (66.1)>		
Boom swing angle: left / right		degrees	47 / 74				
SPEED	Travel speed: high / low	Rubber track	km/h (mph)	4.5 (2.8) / 2.8 (1.7)			
		Steel track	km/h (mph)				
	Swing speed	rpm	10				
GROUND PRESSURE	With standard track	Rubber track	kPa (PSI)	30.2 (4.38)	31.7 (4.59)	29.6 (4.30)	31.1 (4.52)
		Steel track	kPa (PSI)	31.4 (4.55)	32.8 (4.76)	30.8 (4.47)	32.3 (4.69)
TANK CAPACITY	Fuel tank	L (gal)	30.5 (8.0)				
	Hydraulic oil tank	L (gal)	25 (6.6)				
HYDRAULIC SYSTEM	Pump displacement	L/min (gpm)	30.0 (7.9)×2 <Variable displacement pump> 21.3 (5.6)×1, 11.3 (3.0)×1 <Gear pump>				
	Relief set pressure	MPa (PSI)	20.6 (2987)×2, 18.1 (2631)×1, 2.9 (427)×1				
	Max. P.T.O. output	L/min (gpm)	51.3 (13.6)				

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

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