True Zero Tail Swing

Works efficiently and can be operated without worrying about the tail swing.The excavator body stays within the machine width. This helps reduce the operator's efforts and work time.

YANMAR's original sliding variable undercarriage

Sliding variable undercarriage

YANMAR'S Mini Excavator allows ease of access to narrow places and ensures stable workability. The Mini Excavator is strongly built and does not wobble (or shake) when the undercarriages are extended to the maximum.
Moreover, when the distance between the undercarriages is extended, the Mini Excavator forcibly discharges the mud in the sliding pipes,thus performing highly efficient work in any place regardless of the size of the area.

Simple folding variable blade

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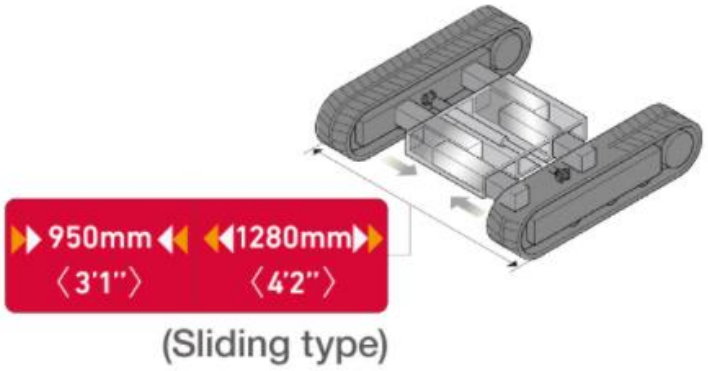
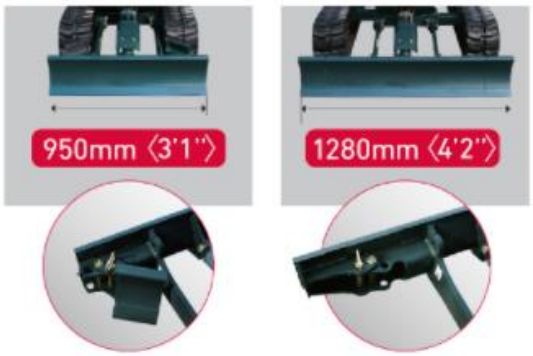




Outstanding work performance

Unlike the machines in this class, with the best combination of engine and hydraulic systems, this machine exhibits powerful performance. Operators can now work with even more efficiency.

Clean & silent

Equipped with an eco-friendly engine

With the environment and people in mind, YANMAR's clean emission TNV engine is quiet, while also providing plenty of power

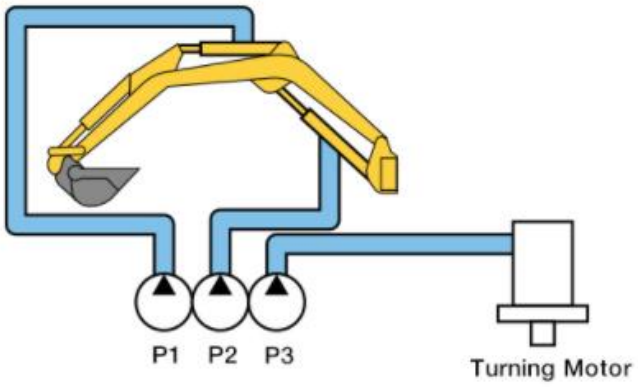
Engine model
3TNV70-XBV
Engine output
10.1kW

* Picture of engine shown for illustration purpose only.

3 Hydraulic Pump System

Delivers a strong performance on-par with bigger machines.

Smooth even while using both the boom and arm during turning!



Underside protector

High strength cast iron underside protectors are used to protect the frame corners.

Spring steel cylinder rod guards

The cylinder rod is protected by the spring steel structure. Scratches caused by debris or collision are greatly reduced thanks to the spring steel's ability to absorb impact. Additionally, they are highly durable and unlikely to bend, giving the operator a sense of safety. Metal sheeting shields the cylinder tubes providing full protection to cylinders,regardless of whether they are extended or retracted.

Blade cutting edge

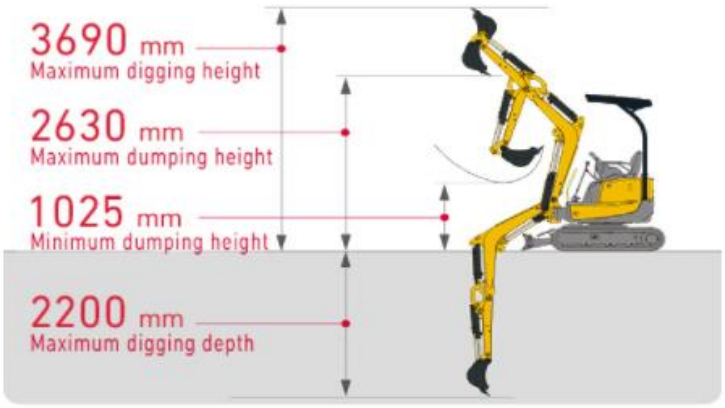
Made with highly tensile and durable steel.

Built-in boom light

Protects the light from damage.

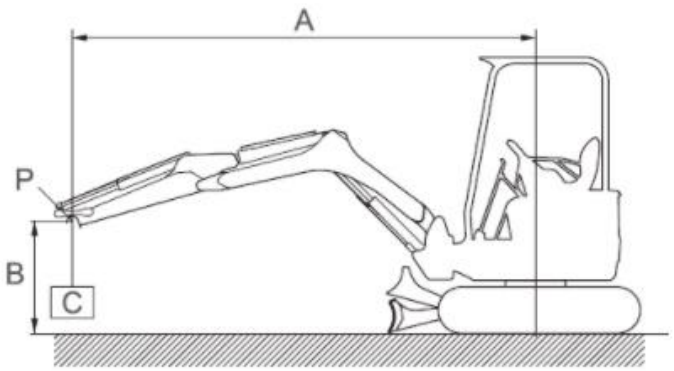
A well-balanced work range

The bucket can dig deeper, and its operation range also includes the area in front of it. The minimum dump height is enough to dump materials into a truck, so the continuous work of digging → turning → dumping is smooth.



Spec

Lifting Capacity



With:
Canopy Type
Rubber Crawler
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

Blade on ground

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>	240 <529>	320 * <705>	315 * <694>	-	-	-	-
1.5 <59.1>	350 * <771>	220 <485>	370 * <815>	370 * <815>	425 * <936>	420 * <925>	-	-
1.0 <39.4>	365 * <804>	205 <451>	450 * <992>	305 <672>	595 * <1311>	440 <970>	665 * <1466>	555 <1223>
0.5 <19.7>	375 * <826>	205 <451>	525 * <1157>	300 <661>	740 * <1631>	425 <936>	920 * <2028>	505 <1113>
<0>	390 * <859>	205 <451>	550 * <1212>	285 <628>	765 * <1686>	400 <881>	1050 * <2314>	505 <1113>
-0.5 <-19.7>	410 * <903>	230 <507>	545 * <1201>	290 <639>	735 * <1620>	400 <881>	-	-
-1.0 <-39.4>	420 * <925>	270 <595>	-	-	680 * <1499>	405 <892>	-	-

Blade above ground

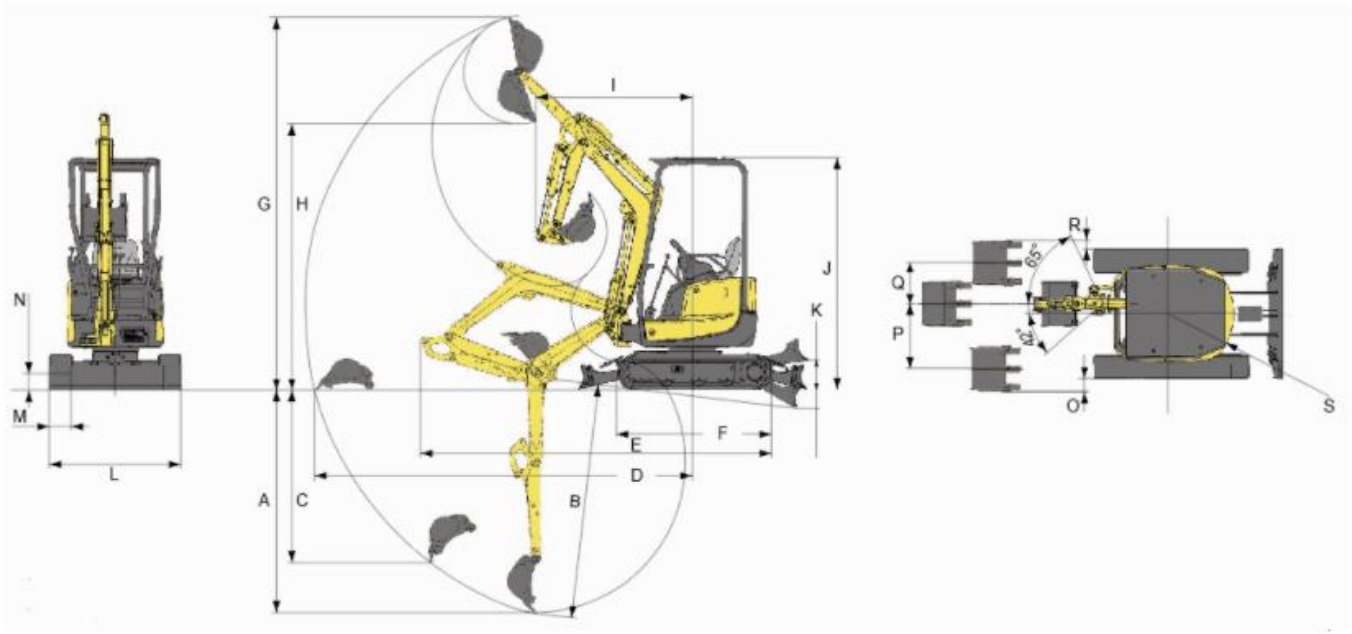
Unit : kg <lbs.>

A [m. <in>]	Max.		2.5 <98.4>		2.0 <78.7>		Min.	
B [m. <in>]								
2.0 <78.7>	225 * <496>	235 <518>	315 <*694>	315 * <694>	-	-	-	-
1.5 <59.1>	205 <451>	215 <473>	305 <672>	370 * <815>	420 * <925>	425 * <936>	-	-
1.0 <39.4>	185 <407>	200 <440>	285 <628>	295 <650>	410 <1903>	435 <959>	525 <1157>	550 <1212>
0.5 <19.7>	185 <407>	200 <440>	280 <628>	295 <650>	390 <859>	415 <914>	470 <1036>	500 <1102>
<0>	190 <418>	205 <451>	265 <584>	285 <628>	365 <804>	385 <848>	520 <1146>	495 <1091>
-0.5 <-19.7>	210 <462>	225 <496>	260 <573>	280 <617>	355 <782>	385 <848>	-	-
-1.0 <-39.4>	250 <551>	265 <584>	-	-	375 <826>	405 <892>	-	-

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 the tipping load, which is smaller.

Dimensions



<unit: mm <ft-in>>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
ViO17	2200 <7'03">	2310 <7'7">	1850 <6'1">	3710 <12'2">	3450 <11'4">	1525 <5'0">	3690 <12'1">	2630 <8'8">	1535 <5'0">	2300 <7'7">	260 <10">	950 <3'1"> 1280 <4'2">	230 <9">	175 <7">	125 <5">	640 <2'1">	400 <1'4">	85 <3">	R640 <2'1">

Specifications

Model				ViO17
Type				Canopy
Operating Weight	Rubber track		kg <lbs>	1740 <3836>
	Steel track		kg <lbs>	1800 <3969>
Engine	Type		-	Vertical 3 cylinder water-cooled diesel
	Model		-	3TNV70-XBV
	Rated Output		kW <hp>/ rpm	10.1 <13.5>/ 2200
Performance	Bucket capacity, standard (ISO heaped)		cu.m <cu.ft>	0.05 <1.77>
	Max Digging Force	Bucket	kN <lbf>	15.2 <3417>
		Arm	kN <lbf>	8.5 <1918>
	Traveling Speed, High / Low		km / h <MPH>	4.3 / 2.1 <2.7 / 1.3>
	Swing Speed		RPM	9.5
	Boom Swing Angle, [L / R]		degrees	42 / 65
Ground Contact Pressure	Rubber track		kPa <PSI>	28.6 <4.1>
	Steel track		kPa <PSI>	29.6 <4.3>
Hydraulic System	Pump Capacity		L / min <GPM>	17.6 + 17.6 + 13.2 + 11.2 <4.6 + 4.6 + 3.5 + 2.6>
	Main Relief Set Pressure		MPa <PSI>	20.6 <2987>
Undercarriage	Track type		-	Rubber
Blade Dimensions	Width x Height		mm <ft-in>	1280 / 950 x 235 <4'2" / 3'1" x 9">
Fuel tank capacity			L <Gals>	20 <5.3>