QUICK SPECS

Weight	3,836 lbs
Horsepower	14.5 hp
Digging Depth	7′7″

ViO17-A

No Space. No Problem.

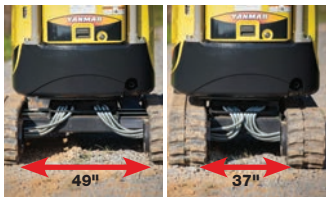
The ViO17-A goes almost anywhere and works efficiently in tight, narrow areas. Our most compact zero tail swing mini excavator goes where larger excavators can't, and works easily against walls or buildings. But its small stature doesn't sacrifice power. The 14.5-hp final Tier 4 diesel engine provides the power you need for the toughest jobs, with dramatic lifting capacity and bucket digging force that belies it's size. Plus Yanmar's unique, sturdy variable undercarriage provides flexibility, stability and safety.

- POWERFUL, EFFICIENT 14.5-HP FINAL TIER 4 YANMAR DIESEL ENGINE
- SPRING STEEL CYLINDER ROD GUARDS AND HOSE PROTECTION
- 4-PILLAR ROPS/FOPS CANOPY FOR SAFETY
- INTEGRATED BOOM LIGHT PROTECTED FROM DAMAGE
- EASY MAINTENANCE ACCESS TO EVERY MAJOR COMPONENT
- COMFORTABLE, EASY ACCESS, WALK-THROUGH OPERATING STATION
- UNOBSTRUCTED VIEW ENHANCES SAFETY

INNOVATIVE FEATURES

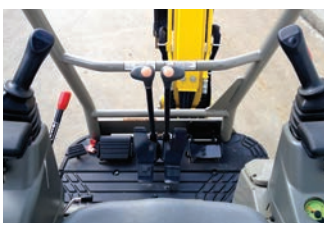
True Zero Tail Swing

Take on more jobs in tighter spaces. With true zero tail swing technology, no part of the ViO17-A housing extends beyond the tracks, so you can work efficiently almost anywhere, with less damage to both the machine and the worksite. Plus, you enjoy better visibility for increased performance and safety.



Unbeatable Track And Undercarriage Flexibility

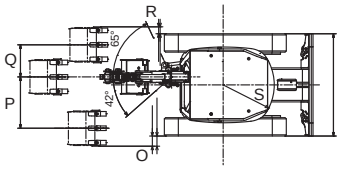
Tracks hydraulically retract to 37 inches for traveling through narrow passageways, and expand to 49 inches for greater stability while digging. Plus, the folding blade provides even more flexibility.

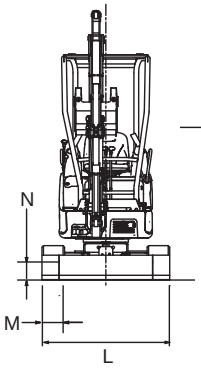


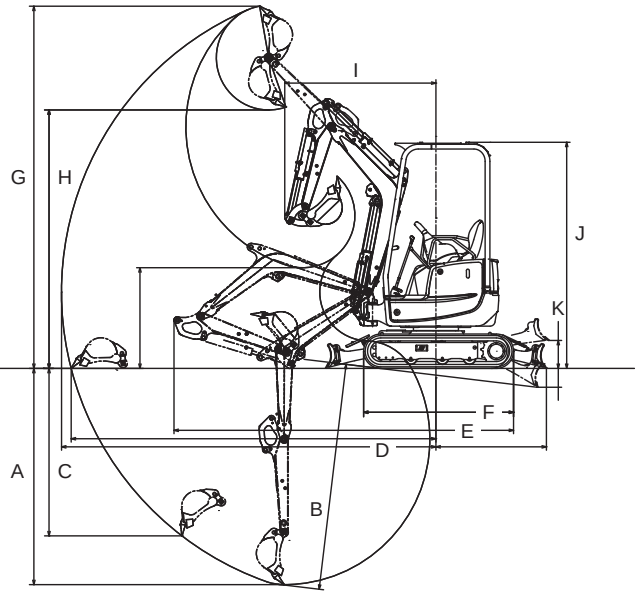
Pilot Joystick Controls

Joystick pilot controls with control pattern change are standard equipment on the ViO17-A. The easy-to-access valve lets you switch from excavator to backhoe control in just seconds. The wrist control lever and ergonomically designed armrest provide comfortable, easy operation, designed to significantly reduce fatigue on long, tough workdays.

ViO17-A







Dimensions - ViO17-A

A 7′3″ (2200 mm)
B 7′7″ (2310 mm)
C 6′8″ (1850 mm)
D 12′2″ (3710 mm)
E 11′4″ (3450 mm)
F 5′ (1525 mm)
G 12′1″ (3690 mm)
H 8′8″ (2630 mm)
I 5′ (1525 mm)
J 7′7″ (2300 mm)
K 10″ (260 mm)
L 3′1″ (950 mm) / 4′ 1″ (1280 mm)
M 9″ (230 mm)
N 7″ (175 mm)
O 5″ (125 mm)
P 2′1″ (640 mm)
Q 1′4″ (400 mm)
R 3″ (85 mm)
S 2′1″ (R640 mm)

Specifications

Model			ViO17-A
Operating Weight	Rubber track	lbs (kg)	3836 (1740)
Engine	Type	-	Water-cooled 3-cycle diesel
	Model	-	YANMAR 3TNV74F-SPBV
	Output	HP (kW)/rpm	14.5 (10.8)/ 2400
Performance	Max Digging Force, Bucket / Arm	lbs (kN)	3418 (15.2) / 1918 (8.5)
	Traveling Speed	MPH (km / h)	2.7 / 1.3 (4.3 / 2.1)
	Swing Speed	RPM	9.5
	Boom Swing Angle, (L / R)	degrees	42° / 65°
Ground Contact Pressure (Rubber Track)		PSI (kPa)	4.1 (28.6)
Hydraulic System	Pump Capacity	GPM (L / min)	4.6 + 4.6 + 3.5 + 2.6 (17.6 + 17.6 + 13.2 + 11.2)
	Main Relief Set Pressure	PSI (MPa)	2986 (20.6) x 2, 2417 (16.7) x 1, 427 (29) x 1
Undercarriage	Track type	-	Rubber
Blade Dimensions	Width x height	ft-in (mm)	4′2″/3′1″ x 9″ (1280/950 x 235)
Fuel tank capacity		Gals (L)	5.3 (20)

Hydraulic PTO

Model	ViO17-A		
Output / Specification	PSI (MPa)	GPM (L / min)	
		2200RPM	1250RPM
Combined Flow, Double Actions	2625 (18.1)	8.1 (30.8)	4.6 (17.5)

Standard Equipment

- Blade
- Boom Swing Function
- Rubber Tracks
- 2-way Control Pattern Change
- Auxiliary Valve and Piping (arm end)
- Cylinder Cover (boom, arm, bucket, blade)
- ROPS / FOPS canopy
- Joystick Pilot Controls
- Arm Rests (adjustable)
- High Back Seat
- Seat Belt
- Travel Levers and Pedals
- Traveling Alarm
- Built-in Type Boom Light
- Variable Track Width
- Operation Manual

Please note that the standard equipment may vary from this list. Consult your Yanmar dealer for confirmation.

Lifting Capacity

LIFT POINT HEIGHT h:in (mm)		r:REACH in (mm)											
		RATED LIFT CAPACITY OVER END BLADE DOWN lbs (kg)				RATED LIFT CAPACITY OVER END BLADE UP lbs (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP lbs (kg)			
		MAX	98.5 (2500)	78.7 (2000)	MIN	MAX	98.5 (2500)	78.7 (2000)	MIN	MAX	98.5 (2500)	78.7 (2000)	MIN
78.7	(2000)	*749 (340)	*705 (320)			496 (225)	*694 (315)			518 (235)	*694 (315)		
59.1	(1500)	*771 (350)	*815 (370)	*936 (425)		451 (205)	672 (305)	*925 (420)		473 (215)	*815 (370)	*936 (425)	
39.4	(1000)	*804 (365)	*992 (450)	*1311 (595)	*1466 (665)	407 (185)	628 (285)	903 (410)	1157 (525)	440 (200)	650 (295)	959 (435)	1212 (550)
19.7	(500)	*826 (375)	*1157 (525)	*1631 (740)	*2028 (920)	407 (185)	617 (280)	859 (390)	1036 (470)	440 (200)	650 (295)	914 (415)	1102 (500)
Ground	(0)	*859 (390)	*1212 (550)	*1686 (765)	*2314 (1050)	418 (190)	584 (265)	804 (365)	1146 (520)	451 (205)	628 (285)	848 (385)	1091 (495)
-19.7	(-500)	*903 (410)	*1201 (545)	*1620 (735)		462 (210)	573 (260)	782 (355)		496 (225)	617 (280)	848 (385)	
-39.4	(-1000)	*925 (420)		*1499 (680)		551 (250)		826 (375)		584 (265)		892 (405)	

Note : The maximum loads marked with an asterisk (*) were limited by the Excavator's hydraulic lifting capacity rather than by its static tilt load (tipping load) capacity.

YANMAR