

QUICK SPECS

Weight	10,274 lbs
Horsepower	38.7 hp
Digging Depth	12'8"

Makes you the go-to guy for the really tough jobs.

In 1993, Yanmar introduced the first zero tail swing excavator. Today's true zero tail swing technology – the ViO45 turns completely within its own tracks – lets you trench and dig in extremely tight spaces that other excavators simply can't get to. Add to that the legendary power of the 38.7-hp Yanmar diesel engine, the stability of a conventional excavator and the unmatched fuel efficiency that's been part of Yanmar's legacy for more than 100 years, and you'll be the guy they call when the going gets tough.



ViO45-5B

POWERFUL, EFFICIENT
38.7-HP INTERIM TIER 4
YANMAR DIESEL ENGINE

VIPPS (VIO PROGRESSIVE
3-PUMP HYDRAULIC
SYSTEM)

EASY-TO-OPERATE
JOYSTICK CONTROLS
WITH ARMRESTS REDUCE
OPERATOR FATIGUE

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

ANGLED CRAWLER FRAME
REDUCES FOREIGN
MATTER BUILD-UP

TRAVELING ALARM
SIGNALS WHEN MACHINE
IS MOVED

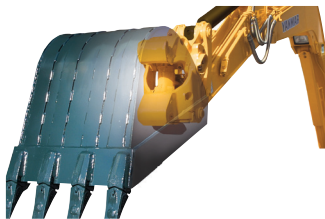
OPTIONAL ENCLOSED CAB
WITH HEAT & A/C

INNOVATIVE FEATURES



True Zero Tail Swing

Yanmar pioneered the first zero tail swing excavator in 1993. Today, our true zero tail swing technology means no part of the housing extends beyond the tracks. Since the entire machine operates within its tracks, you can work efficiently almost anywhere with less damage to the machine and the worksite.



Hydraulic Quick Coupler Comes Standard

The standard hydraulic quick coupler makes changing buckets fast and easy. With the exception of fitting and removing the safety lock pin, the entire operation is performed electronically while you're seated in the comfort of the cab. Less hassle. Less downtime. More productivity.

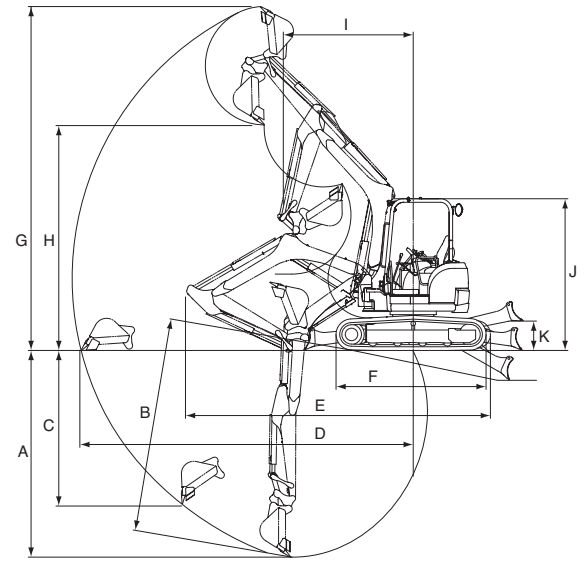
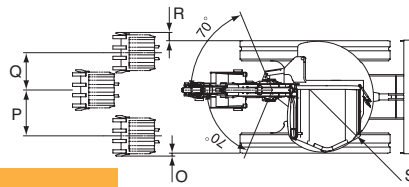


The Stability Of A Conventional Excavator

The ViO45-5B comes standard with VIO Crawler Technology for Advanced Stability (VICTAS). This innovative offset track technology provides increased stability without increasing the undercarriage width. You get the balance and stability of a conventional, standard-sized machine in a mini-excavator.

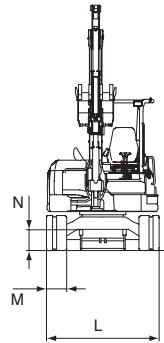


Vi045-5B



Dimensions - Vi045-5B

A 12'1" (3680 mm)	K 1'8" (500 mm)
B 12'8" (3850 mm)	L 6'5" (1950 mm)
C 8'10" (2700 mm)	M 1'2" (350 mm)
D 19'1" (5820 mm)	N 1'2" (360 mm)
E 17'3" (5260 mm)	O 2" (40 mm)
F 8'7" (2620 mm)	P 2'7" (795 mm)
G 19'6" (5950 mm)	Q 2'2" (650 mm)
H 12'10" (3910 mm)	R 5" (130 mm)
I 7'8" (2340 mm)	S R3'2" (R975 mm)
J 8'7" (2620 mm)	



Specifications

Model			Vi045-5B	
Type			Canopy	Cabin
Operating Weight	Rubber Track	lbs (kg)	10274 (4660)	10560 (4790)
	Steel Track	(kg)	10406 (4720)	10692 (4850)
Engine	Type	-	Water-cooled 4-cycle diesel	
	Model	-	YANMAR 4TNV88-BXBV	
	Output	HP (kW)/rpm	38.7 (28.8) / 2400	
Performance	Max Digging Force, Bucket / Arm	lbs (kN)	7255 (32.3)	5062 (22.5)
	Traveling Speed, High / Low	MPH (km / h)	2.8 / 1.4 (4.6 / 2.3)	
	Swing Speed	RPM	10	
	Boom Swing Angle, (L / R)	degrees	70° / 70°	
Ground Contact Pressure	Rubber Track	PSI (kPa)	4.15 (28.6)	4.27 (29.3)
	Steel Track	PSI (kPa)	4.20 (29.0)	4.31 (29.7)
Hydraulic System	Pump Capacity	GPM (L / min)	10.6 + 10.6 + 10.6 + 3.1 (40.3 + 40.3 + 40.3 + 11.7)	
	Main Relief Set Pressure	PSI (MPa)	3128 (21.6) x 3	
Undercarriage	Track Type	-	Rubber or Steel	
Blade Dimensions	Width x Height	ft-in (mm)	6'6" x 14" (1970 x 400)	
Fuel tank capacity		Gals (L)	16.9 (64)	

Standard Equipment

- Blade
- Boom Swing
- Rubber or Steel Tracks
- Hydraulic Quick Coupler
- 2-way Control Pattern Change
- Auxiliary Valve and Piping (arm end)
- Cylinder Cover (boom, arm, bucket, blade)
- ROPS / FOPS Cabin or Canopy
- Windshield Washer (cabin spec)
- Defroster (cabin spec)
- Joystick Pilot Controls
- Arm Rests (adjustable)
- Suspension and Reclining Seat
- Seat Belt
- Traveling Levers and Pedals
- Traveling Alarm Built-in Type
- Boom Light
- Exterior Canopy or Cabin Work Light
- Operation Manual

Hydraulic PTO

Model		Vi045-5B		
Specification	Output	PSI (MPa)	GPM (L / min)	
			2400RPM	1200RPM
Combined Flow, Double Actions		3133 (21.6)	19.7 (74.6)	9.8 (37.3)

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 DOWN lbs (kg)			
	MAX	13'1" (4000)	9'10" (3000)	8'3" (2500)	MAX	13'1" (4000)	9'10" (3000)	8'3" (2500)	MAX	13'1" (4000)	9'10" (3000)	8'3" (2500)
13'1" (4000)	*1768 (802)				*1740 (789)				*1808 (820)			
9'10" (3000)	*1808 (820)	*1760 (798)	*2507 (1137)	*3063 (1389)	1327 (602)	*1702 (772)	*2412 (1094)	*2988 (1355)	1261 (572)	*1749 (793)		
6'7" (2000)	*2000 (907)	*2018 (915)	*3409 (1546)	*4580 (2077)	1144 (519)	1559 (707)	2344 (1063)	3294 (1494)	1078 (489)	1493 (677)	*2430 (1102)	*2988 (1355)
3'3" (1000)	*2000 (907)	*2384 (1081)	*3821 (1733)	*4800 (2177)	1120 (508)	1493 (677)	2320 (1052)	3080 (1397)	1021 (463)	1394 (632)	2179 (988)	3294 (1494)
Ground (0)	*2115 (959)	*2564 (1163)	*3638 (1650)	*4494 (2038)	1162 (527)	1475 (669)	2220 (1007)	2961 (1352)	1069 (485)	1327 (602)	2121 (962)	3080 (1397)
-3'3" (-1000)	*2267 (1028)	*2401 (1089)	*2708 (1228)	*3457 (1568)	1376 (624)	1460 (662)	2335 (1059)	2972 (1348)	1261 (572)	1327 (602)	2070 (939)	2981 (1352)
-6'7" (-2000)	*2287 (1037)				1989 (902)				1890 (857)		2187 (992)	2972 (1348)

* Rated Hydraulic lift capacity