

TECHNICAL SPEC

Engine

Yanmar Diesel 3 cylinders	3TNV82A-VB1A
Rated Output (DIN 6270B)	15.3 kw/20.8 HP/2100 rpm
Displacement	1330 cm ³
Max. torque	82.4 N.m./1260 rpm

Hydraulic circuit

System capacity	76 l
Max. pressure	185 bar
Variable flow dual piston pump	2 x 30.6 l/mn
1 gear pump	1 x 25.6 l/mn

Performances

Travelling speed*	4.5/2.5 km/h	Grade ability	30°
Swing speed	10 rpm	Shoe width	260 mm
Digging force (arm/bucket)	1450/2040 kgf	Ground clearance	320 mm
Boom swing (L/R)	50°/90°	Blade (width x height)	1450 x 280 mm
Ground pressure**	0.28/0.29 kg/cm ²		

* rubber crawlers
** canopy/cabin



Miscellaneous

Fuel tank	29 l
Cooling system	4.6 l
Transport dimensions (L x w x h)	4285 x 1468 x 2410 mm
Noise Level LwA (2000/14/EC & 2005/88/EC)	93 dBA



Optional equipment

Special paint	Arm extension (+ 500 mm)
Bio Oil	Safety device for loading
Long dipper arm (+ 300 mm)	Anti-theft device

PTO	Theoretical data	
	Pressure	A 2100 rpm
	185 bar	56.3 l/mn
	185 bar	56.3 l/mn



- The output reduces as the pressure increases.



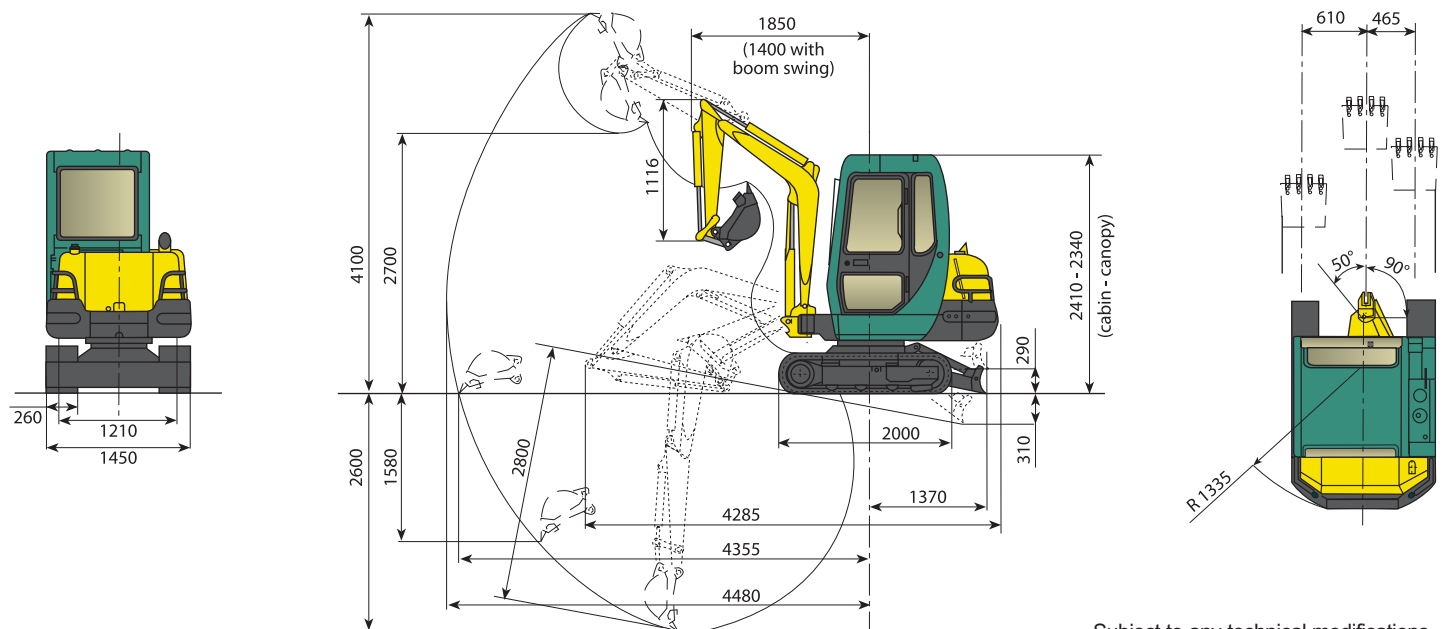
IFICATIONS



Operating weight +2% :

2790/2690 kg (rubber crawlers)

2870/2770 kg (steel crawlers)



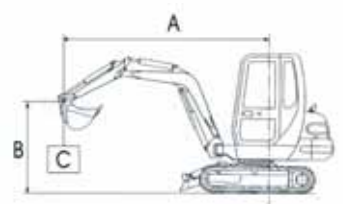
Subject to any technical modifications.
Dimensions given in mm with standard Yanmar bucket.

Blade on ground

A	Maxi		3.0 m		2.5 m		2.0 m		
B									
3.0	*450	*450	-	-	-	-	-	-	C
2.5	*450	*450	*450	*450	-	-	-	-	
2.0	*450	*450	*480	*480	*510	*510	-	-	
1.0	375	*480	*590	*590	*760	*760	*1080	*1080	
0	385	*510	515	*690	670	*930	910	*1200	
- 1.0	*530	*530	-	-	650	*760	*1010	*1010	
- 1.5	*500	*500	-	-	-	-	*745	*745	

Machine with cabin, rubber crawlers, bucket of 78 kg (400 mm).

- A : Overhang from rotational axis (m).
- B : Height of hooking point (m).
- C : Safe working load (kg).
(- 4% with canopy).



Blade above ground

A	Maxi		3.0 m		2.5 m		2.0 m		
B									
3.0	*450	*450	-	-	-	-	-	-	C
2.5	*450	*450	*450	*450	-	-	-	-	
2.0	*450	*450	*480	*480	*510	*510	-	-	
1.0	370	*480	*590	*590	*760	*760	*1080	*1080	
0	380	*510	510	*690	665	*930	905	*1200	
- 1.0	*530	*530	-	-	645	*760	*1010	*1010	
- 1.5	*500	*500	-	-	-	-	*745	*745	

Tipping load, rating over front

Tipping load, rating over side 90°

The data contained in these tables represent the lifting capacity in accordance with ISO standard 10567. They correspond to 75% of the maximum static tipping load or 87% of the hydraulic lifting power. Data marked * are the hydraulic limits of the lifting power.