

# YC27

## Mini Excavator

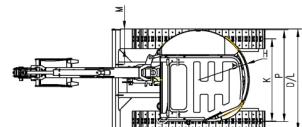
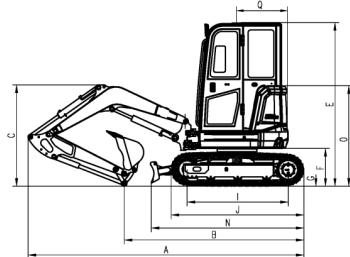


Engine Model: YANMAR 3TNV80F  
Gross Power: 14.6kW/2400rpm  
Operating Weight: 2,880kg

# YC27 SPECIFICATIONS

ENGINE		DIMENSIONS (BOOM: 2090 mm ARM: 1300 mm)	
		mm	mm
Model	3TNV80F	A Overall length	4200
Type	3 cylinders, direct injection	B Ground contact length (Transportation)	2735
No. of cylinder	3	C Overall height(to top of boom)	1540
Emission	EPA Tier 4 Final/Europe Stage V	D Overall width	1550
Displacement	1.267L	E Overall height(to top of cab)	2480
Power output	14.6kW/2400rpm	F Counter weight ground clearance	575
<b>HYDRAULIC SYSTEM</b>		G Ground clearance	300
Type	Variable plunger pump	H Tail swing radius	775
Operating flow	86.4L/min	I Crawler wheel base	1540
Operating pressure	24.5MPa	J Track length	2020
<b>DIGGING FORCE (ISO6015)</b>		K Track gauge	1250
Bucket digging force	24kN	L Track width	1550
Arm digging force	14.8kN	M Shoe width	300
<b>BUCKET</b>		O Bonnet height	1530
Type	Backhoe bucket	P Revolving frame width	1400
Bucket capacity	0.065 m <sup>3</sup>	Q Distance from swivel center to tail	775
Bucket width	460 mm		
<b>TRAVEL SYSTEM</b>			
Type	Plunger motor		
Track roller	2×3		
Track shoes	2×42		
Carrier roller qty	1x2		
Travel speed	2.3/4.0km/h		
Max. Drawbar pull	29kN		
Grade ability	≤30°		
<b>SWING SYSTEM</b>			
Swing motor type	Plunger motor		
Swing pressure	23MPa		
Swing speed	0-10r/min		
Brake type	Pressure release mechanical braking		
<b>REFILLING CAPACITIES &amp; LUBRICATIONS</b>			
Fuel tank	33L		
Cooling system	5L		
Engine oil	3.4L		
Hydraulic oil tank	22L		
System Capacity	32L		
<b>OPERATING WEIGHT AND GROUND PRESSURE</b>			
Shoe width	300mm		
Ground pressure	26.3kPa/27.3kPa		
Operating weight	2880kg		

\* The specifications are subject to change without notice. The pictures may include options. The actual color & appearance of the product may differ from what is shown.



WORKING RANGE		mm
A	Max. digging height	4390
B	Max. dumping height	3060
C	Max. digging depth	2800
D	Max. vertical digging depth	2310
E	Max. digging radius	4800
F	Max. digging radius at ground level	4680
G	Tail Swing radius	775
H	Maximum Dozer Lift Height	300
I	Maximum Dozer Dig Depth	320

