

# YC27

## Mini Excavator



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

# YC27 SPECIFICATIONS

## ENGINE

Model	3TNV80F
Type	3 cylinders, direct injection
No. of cylinder	3
Emission	EPA Tier 4 Final/Europe Stage V
Displacement	1.267L
Power output	14.6kW/2400rpm

## HYDRAULIC SYSTEM

Type	Variable plunger pump
Operating flow	86.4L/min
Operating pressure	24.5MPa

## DIGGING FORCE (ISO6015)

Bucket digging force	24kN
Arm digging force	14.8kN

## BUCKET

Type	Backhoe bucket
Bucket capacity	0.065 m <sup>3</sup>
Bucket width	460 mm

## TRAVEL SYSTEM

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°

## SWING SYSTEM

Swing motor type	Plunger motor
Swing pressure	23MPa
Swing speed	0-10r/min
Brake type	Pressure release mechanical braking

## REFILLING CAPACITIES & LUBRICATIONS

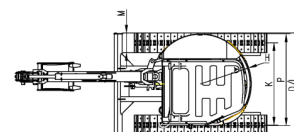
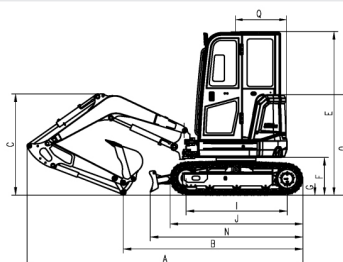
Fuel tank	33L
Cooling system	5L
Engine oil	3.4L
Hydraulic oil tank	22L
System Capacity	32L

## OPERATING WEIGHT AND GROUND PRESSURE

Shoe width	300mm
Ground pressure	26.3kPa/27.3kPa
Operating weight	2880kg

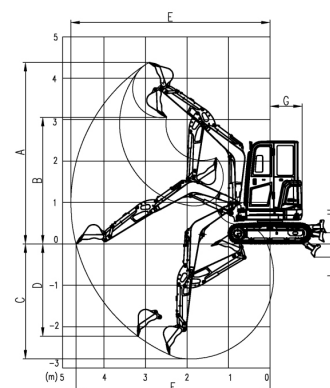
## DIMENSIONS (BOOM: 2090 mm ARM: 1300 mm) mm

A	Overall length	4200
B	Ground contact length (Transportation)	2735
C	Overall height(to top of boom)	1540
D	Overall width	1550
E	Overall height(to top of cab)	2480
F	Counter weight ground clearance	575
G	Ground clearance	300
H	Tail swing radius	775
I	Crawler wheel base	1540
J	Track length	2020
K	Track gauge	1250
L	Track width	1550
M	Shoe width	300
O	Bonnet height	1530
P	Revolving frame width	1400
Q	Distance from swivel center to tail	775



## 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



\* 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.