

SHANTUI

SE27SR

Mini Crawler Excavator



Emissions Certified	Stage V
Gross Power	14.6 kW (20 hp) @ 2400rpm
Operating Weight	2.880 kg
Bucket Size	0.065 m ³
Max. Digging Depth	2950 mm

VALUE THAT WORKS

SE27SR TECHNICAL PARAMETERS

ENGINE

Model	Yanmar 3TNV80F
Type	Three-cylinder direct injection
No. of cylinders	3
Emission standard	Tier 4 and Euro 5
Displacement	1267L
Rated power	14.6kW/2400rpm

HYDRAULIC SYSTEM

Type	Variable plunger pump
Rated operating flow	86.4L/min

DIGGING FORCE (ISO6015)

Bucket digging force	24kN
Arm digging force	14.8kN

BUCKET

Type	Backhoe bucket
Bucket capacity	0.065m³
Bucket width	460mm

TRAVEL SYSTEM

Type	Plunger motor
Number of track rollers	3X2
Number of carrier rollers	1X2
Number of track shoes	42X2
Travel speed	2.3/4.0km/h
Traction force	29kN
Gradeability	30°

SWING SYSTEM

Swing motor type	Plunger motor
Swing speed	0~10r/min
Brake type	Pressure release, mechanical braking

FUEL TANK CAPACITY (L)

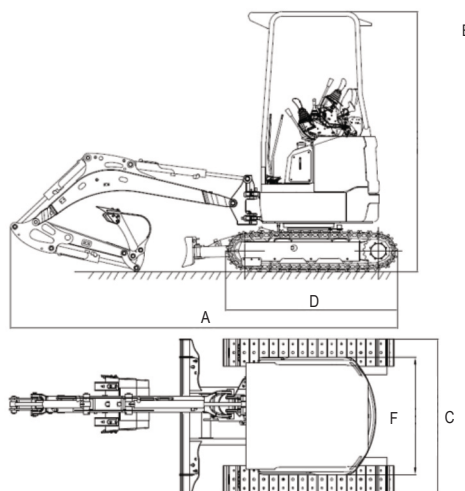
Fuel tank capacity	33
Cooling system	5
Engine oil	3.4
Hydraulic oil tank	22
System capacity	32

OPERATING WEIGHT AND GROUND PRESSURE

Ground pressure	27.3kPa
Operating weight	2880kg

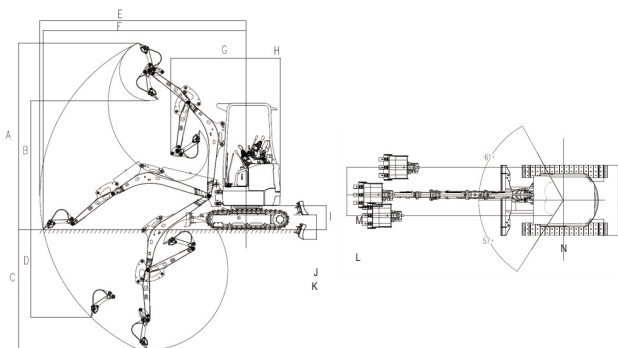
OPERATING RANGE (MM) (Boom: 2090 mm Arm: 1450 mm)

A Max. digging height	4480
B Max. dumping height	3150
C Max. digging depth	2950
D Max. vertical digging depth	2460
E Max. digging depth cut for 2500mm level bottom	—
F Max. digging distance	4800
G Max. digging distance at ground level	4680
H Min. swing radius of work equipment	2015



OVERALL DIMENSION (MM)

A Overall length	4210
B Ground contact length (Transportation)	2670
C Overall height (to top of boom)	1680
D Overall width	1550
E Overall height (to top of cab)	2491
F Ground clearance of counterweight	575
G Min. ground clearance	300
H Tail swing radius	775
I Tread	1540
J Track length	2020
K Track gauge	1250
L Track width	1550
M Shoewidth	300
O Bonnet height	1527
P Revolving frame width	1400
Q Distance from swivel center to tail	775



* THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.



Shantui Social

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