

SHANTUI

SE27SR

Mini Crawler Excavator



Emissions Certified	Stage V
Gross Power	14.6 kW (20 hp) @ 2400 rpm
Operating Weight	2 880 kg
Bucket Size	0.065 m ³
Max. Digging Depth	2950 mm

VALUE THAT WORKS

TECHNICAL PARAMETERS SE27SR

ENGINE

Model	YANMAR 3TNV80F
Type	Direct injection
No. of cylinders	3
Emission standard	Tier 4 Final / Stage V
Displacement	1.3 L
Rated power	14.6 kW(16hp)/ 2400rpm

HYDRAULIC SYSTEM

Type	Variable plunger pump
Max. flow	86.4 L/min

DIGGING FORCE

Bucket digging force	24 kN
Arm digging force	14.8 kN

BUCKET

Type	Standard digging bucket
Bucket capacity	0.065 m ³
Bucket width	460 mm

TRAVEL SYSTEM

Travel motor	SHANTUI
No. of track rollers	3x2
No. of carrier rollers	1x2
Track type/ track shoe width	Rubber / 300 mm (optional steel track)
Travel speed	2.3/4.0 km/h
Traction force	29 kN
Gradeability	≤ 30°

SWING SYSTEM

Swing speed	0 ~ 10 r/min
Brake type	n/a

FLUIDS AND LUBRICANTS (L)

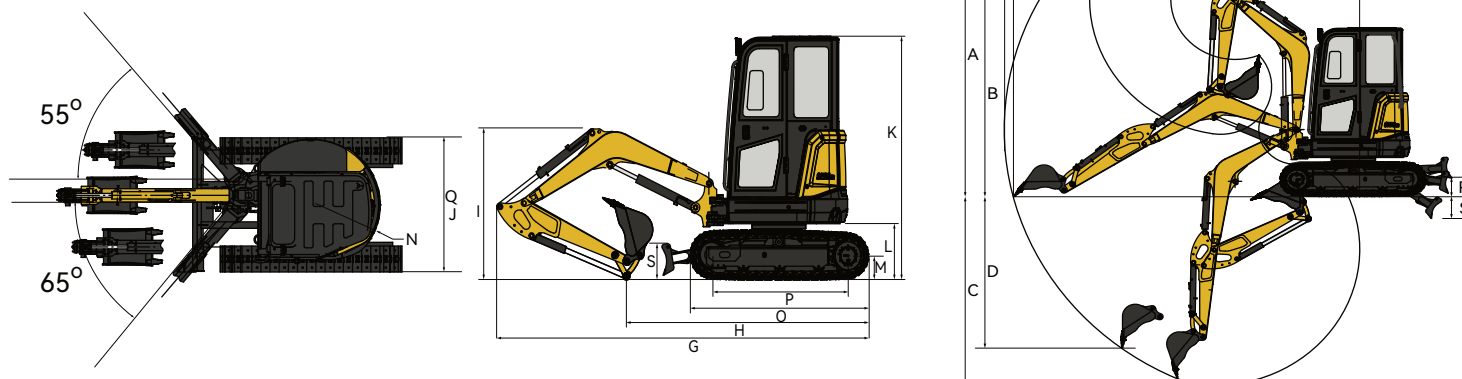
Fuel tank	33
Cooling system	5
Engine oil	3.4
Hydraulic oil tank / system capacity	22/32

OPERATING WEIGHT AND GROUND PRESSURE

Operating weight	2880 kg
Ground pressure	27.3 kPa

OPERATING RANGE (mm) Boom: 2090

	Arm: 1300	Arm: 1450
A. Max. digging height	4390	4480
B. Max. dumping height	3060	3150
C. Max. digging depth	2800	2950
D. Max. vertical digging depth	2310	2460
E. Digging distance	4800	4940
F. Dig radius (ground level)	4680	4820
G. Overall length	4200	4215
H. Ground contact length (transportation)	2735	2670
I. Overall height (to top of a boom)	1540	1680
J. Overall width	1550	
K. Overall height (to top of roof)	2480	
L. Counter weight ground clearance	575	
M. Ground clearance	300	
N. Tail swing radius	775	
O. Track length	2020	
P. Track gauge	1250	
Q. Track width	1550	
R. Dozer height	300	
S. Dozer dig depth	320	



* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION; THE ACTUAL COLOR AND APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN



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