

MINI CRAWLER EXCAVATOR



SE27SR

Short-radius mini excavator on rubber tracks for confined urban sites.

GROSS POWER

14.6 kW

OPERATING WEIGHT

2 880 kg

BUCKET

0.065 m³

DIGGING DEPTH

2 950 mm

GROUND PRESSURE

27.3 kPa

775 mm tail swing radius

Swings clear inside the tracks, so you can dig along a wall.

86.4 L/min hydraulic flow

Drives a breaker or auger without losing boom speed.

1550 mm transport width

Passes standard gateways and travels on a light trailer.

Technical data

SE27SR · Mini Crawler Excavator

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 @ 2400 rpm

HYDRAULIC SYSTEM

Type	Variable plunger pump
Max. flow	86.4 L/min

SWING SYSTEM

Swing speed	0–10 r/min
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DIGGING FORCE

Bucket digging force	24 kN
Arm digging force	14.8 kN

BUCKET

Type	Standard digging bucket
Bucket capacity	0.065 m³
Bucket width	460 mm

FLUID CAPACITIES (L)

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

TRAVEL SYSTEM AND WEIGHT

Travel motor	SHANTUI
Track / carrier rollers	3x2 / 1x2
Track type / shoe width	Rubber / 300 mm
Travel speed	2.3 / 4.0 km/h
Traction force	29 kN
Gradeability	max. 30°
Operating weight	2 880 kg
Ground pressure	27.3 kPa

WORKING RANGE (MM) ARM 1300 / 1450

A Max. digging height	4 390 / 4 480
B Max. dumping height	3 060 / 3 150
C Max. digging depth	2 800 / 2 950
D Max. vertical digging depth	2 310 / 2 460
E Digging distance	4 800 / 4 940
F Dig radius (ground level)	4 680 / 4 820
G Overall length	4 200 / 4 215
H Ground contact length	2 735 / 2 670
I Overall height (boom)	1 540 / 1 680

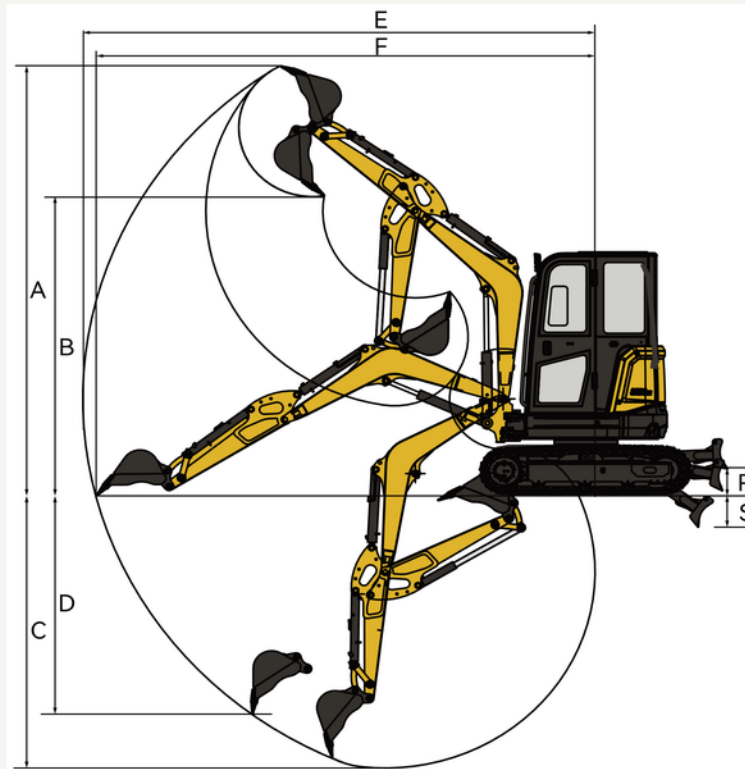
OVERALL DIMENSIONS (MM)

J Overall width	1 550
K Overall height (roof)	2 480
L Counterweight clearance	575
M Ground clearance	300
N Tail swing radius	775
O Track length	2 020
P Track gauge	1 250
Q Track width	1 550
R Dozer height	300
S Dozer dig depth	320

Working range and dimensions

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WORKING RANGE (MM)



PLAN AND SIDE VIEW (MM)

