

MINI CRAWLER EXCAVATOR



SE36SR

Short-radius mini excavator with cab for utility trenching.

GROSS POWER

18.2 kW

OPERATING WEIGHT

3 880 kg

BUCKET

0.12 m³

DIGGING DEPTH

3 200 mm

GROUND PRESSURE

32 kPa

30.4 kN bucket digging force

Breaks into compacted trench walls without repositioning.

96.8 L/min hydraulic flow

Enough oil for a breaker or tilt bucket at working speed.

860 mm tail swing radius

Rotates a full turn in one lane of a closed road.

Technical data

SE36SR · Mini Crawler Excavator

ENGINE

Model	YANMAR 3TNV88F
Type	Direct injection
No. of cylinders	3
Emission standard	Tier 4 Final / Stage V
Displacement	1.6 L
Rated power	18.2 kW @ 2200 rpm

HYDRAULIC SYSTEM

Type	Variable plunger pump
Max. flow	96.8 L/min

SWING SYSTEM

Swing speed	0–9 r/min
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DIGGING FORCE

Bucket digging force	30.4 kN
Arm digging force	18.2 kN

BUCKET

Type	Standard digging bucket
Bucket capacity	0.12 m³
Bucket width	650 mm

FLUID CAPACITIES (L)

Fuel tank	50
Cooling system	7
Engine oil	6.7
Hydraulic tank / system	40 / 40

TRAVEL SYSTEM AND WEIGHT

Travel motor	SHANTUI
Track / carrier rollers	4x2 / 1x2
Track type / shoe width	Rubber / 300 mm
Travel speed	2.4 / 4.0 km/h
Gradeability	max. 30°
Operating weight	3 880 kg
Ground pressure	32 kPa

WORKING RANGE (MM) ARM 1400 / 1600

A Max. digging height	4 910 / 5 030
B Max. dumping height	3 545 / 3 665
C Max. digging depth	3 000 / 3 200
D Max. vertical digging depth	2 690 / 2 890
E Digging distance	5 500 / 5 660
G Overall length	4 880 / 4 900
H Ground contact length	3 360 / 3 260
I Overall height (boom)	1 880 / 2 000

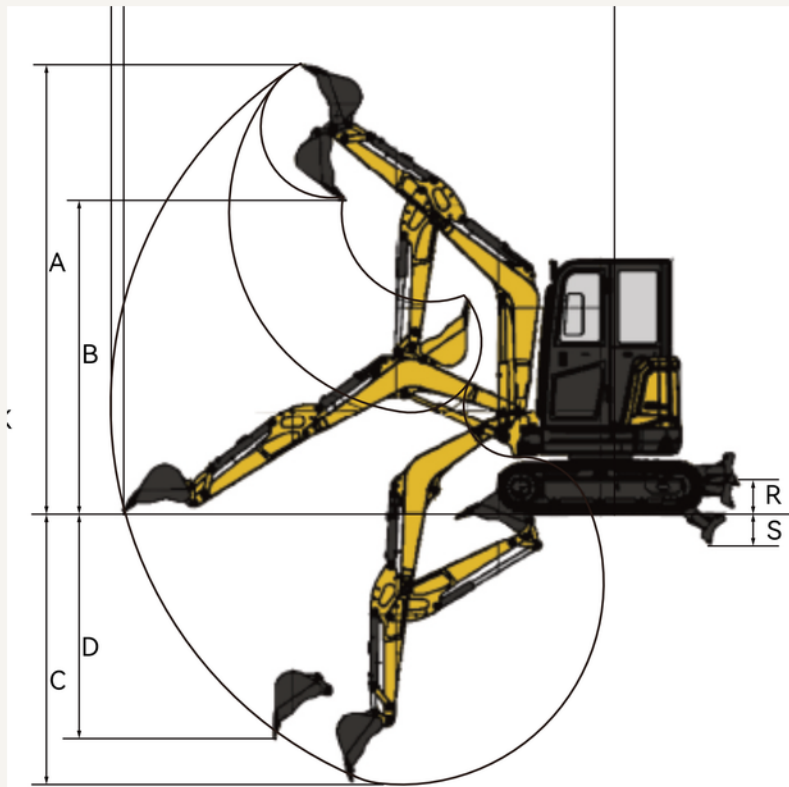
OVERALL DIMENSIONS (MM)

J Overall width	1 740
K Overall height (cab)	2 550
L Counterweight clearance	595
M Ground clearance	295
N Tail swing radius	860
O Track length	2 155
P Track gauge	1 440
Q Track width	1 740
R Dozer height	400
S Dozer dig depth	370

Working range and dimensions

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WORKING RANGE (MM)



PLAN AND SIDE VIEW (MM)

