

SHANTUI

Member of **SDHI** Group

SE85SR

Crawler Excavator



Emissions Certified

Stage V

Gross Power

54 kW (73 hp) @ 2200 rpm

Operating Weight

9 100 kg

Bucket Size

0.28 m³

Max. Digging Depth

4610 mm

VALUE THAT WORKS

TECHNICAL PARAMETERS SE85SR

ENGINE

Model	Yanmar 4TNV98TC
Type	Water-cooled, Common-Rail
No. of cylinders	4
Emission standard	Stage V
Displacement	3.3 L
Rated power	54 kW (73hp)/ 2100 rpm

HYDRAULIC SYSTEM

Type	Variable piston pump
Max. flow	219 L/min

DIGGING FORCE

Bucket digging force	69 kN
Arm digging force	38 kN

BUCKET

Type	Standard digging bucket
Bucket capacity	0.28 m ³
Bucket width	750 mm

TRAVEL SYSTEM

Travel motor	Nabtesco
No. of track rollers	5x2
No. of carrier rollers	1x2
Track type/ track shoe width	Steel / 450 mm
Travel speed	4.9/3.3 km/h
Traction force	67.5 kN
Gradeability	≤ 35°

SWING SYSTEM

Swing speed	11 r/min
Brake type	Mechanical slew lock

FLUIDS AND LUBRICANTS (L)

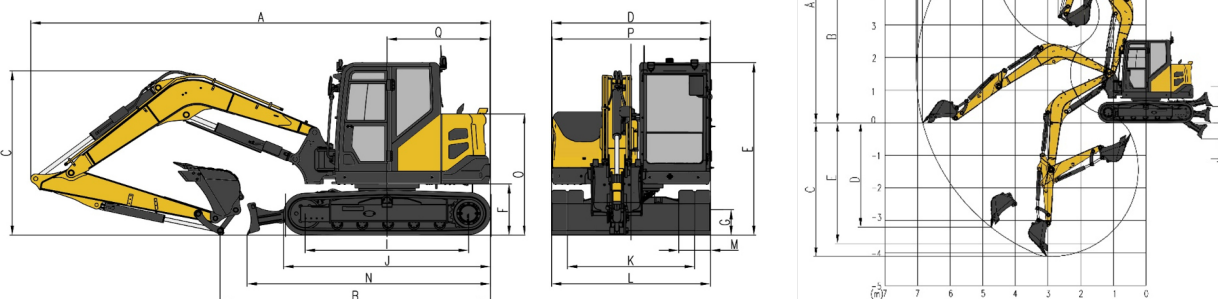
Fuel tank	130
Cooling system	12
Engine oil	10
Hydraulic oil tank / system capacity	75/145

OPERATING WEIGHT AND GROUND PRESSURE

Operating weight	9100 kg
Ground pressure	40 kPa

OPERATING RANGE (mm)

Boom: 3500	Arm: 2150
A. Max. digging height	7230
B. Max. dumping height	5290
C. Max. digging depth	4610
D. Max. vertical digging depth	3490
E. Digging distance	7440
F. Dig radius (ground level)	2655
G. Overall length	6510
H. Ground contact length (transportation)	3830
I. Overall height (to top of a boom)	2430
J. Overall width	2250
K. Overall height (to top of cab)	2550
L. Counter weight ground clearance	755
M. Ground clearance	375
N. Tail swing radius	1460
O. Track length	2930
P. Track gauge	1800
Q. Track width	2250
R. Dozer height	510
S. Dozer dig depth	500



* 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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