

SE245LC

SHANTUI
VALUE THAT WORKS

EXCAVATOR
SERIES

Engine Model	Cummins QSB7
Gross Power	150 kW/2050 rpm
Operating Weight	24800 kg

LET'S MAKE
CONSTRUCTION EASIER



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SE245LC TECHNICAL PARAMETERS EXCAVATOR SERIES

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VALUE THAT WORKS

ENGINE

Model	Cummins QSB7
Type	Water cooled, direct injection, turbocharged
No. of cylinder	6
Emission Regulation	Tier 3 / Stage III
Displacement	6.7L
Power output	150kW/2050rpm

HYDRAULIC SYSTEM

Type	Variable piston pump
Max. discharge flow	238×2L/min

DIGGING FORCE (ISO6015)

Bucket digging force	160kN
Arm digging force	115kN

BUCKET

Type	Backhoe bucket
Bucket capacity	0.45~1.45(1.2)m ³
Bucket width	1424mm

TRAVEL SYSTEM

Type	Axial variable plunger motor
Support roller quantities	9X2
Carrier roller quantities	2X2
Travel shoes	51X2
Travel speed	3.5/5.1km/h
Drawbar pulling force	274kN
Grade ability	70% (35°)

SWING SYSTEM

Swing motor type	Swash plate plunger motor
Swing speed	0-11r/min
Brake type	Pressure release mechanical braking

REFILLING CAPACITIES & LUBRICATIONS

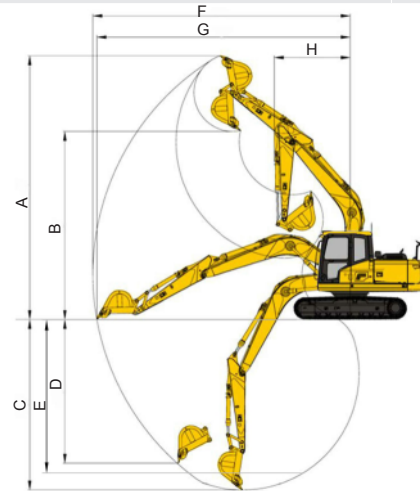
Fuel tank	325L
Cooling system	28L
Engine oil	22L
Hydraulic oil tank	190L
System Capacity	400L

OPERATING WEIGHT AND GROUND PRESSURE

Shoe width	600mm
Ground pressure	47.9kPa
Operating weight	24800kg

SCOPE OF WORK (mm) (Boom: 5850 mm Arm: 3045 mm)

A	Max. digging height	10180
B	Max. dumping height	7200
C	Max. digging depth	6864
D	Max. vertical digging depth	5978
E	Max. Depth cut for 2500mm Level Bottom	6670
F	Max. digging distance	10200
G	Max. digging radius at ground level	10015
H	Min. swing radius of work equipment	3276



DIMENSIONS (mm)

A	Overall length	9985
B	Ground contact length (Transportation)	5350
C	Overall height(to top of boom)	3235
D	Overall width	3180
E	Overall height(to top of cab)	3075
F	Counter weight ground clearance	1083
G	Ground clearance	465
H	Tail swing radius	3000
I	Tread	3845
J	Track length	4660
K	Track gauge	2580
L	Track width	3180
M	Shoe width	600
O	Bonnet height	2410
P	Revolving frame width	2725
Q	Distance from swivel center to tail	3000

