

SE215

SHANTUI
VALUE THAT WORKS

EXCAVATOR
SERIES

Engine Model	Cummins QSB7
Gross Power	124 kW/2050 rpm
Operating Weight	21200 kg

LET'S MAKE

CONSTRUCTION EASIER



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SE215 TECHNICAL PARAMETERS EXCAVATOR SERIES

SHANTUI
VALUE THAT WORKS

ENGINE

Model	Cummins QSB7
Type	High pressure common rail, turbocharged
No. of cylinder	6
Emission Regulation	Tier 3 / Stage III
Displacement	6.7L
Power output	124kW/2050rpm

HYDRAULIC SYSTEM

Type	Variable piston pump
Max. discharge flow	2x213L/min

DIGGING FORCE (ISO6015)

Bucket digging force	135/146kN
Arm digging force	99/107kN

BUCKET

Type	Backhoe bucket
Bucket capacity	0.45~1.2(0.9)m ³
Bucket width	1267mm

TRAVEL SYSTEM

Type	Axial variable plunger motor
Support roller quantities	2x7
Carrier roller quantities	2x2
Travel shoes	2x46
Travel speed	3.15/5.15km/h
Drawbar pulling force	214kN
Grade ability	70% (35°)

SWING SYSTEM

Swing motor type	Swash plate plunger motor
Swing speed	0-10.5r/min
Brake type	Pressure release mechanical braking

REFILLING CAPACITIES & LUBRICATIONS

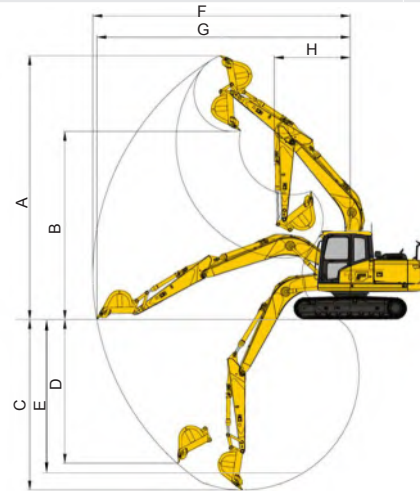
Fuel tank	325L
Cooling system	28L
Engine oil	22L
Hydraulic oil tank	190L
System Capacity	400L

OPERATING WEIGHT AND GROUND PRESSURE

Shoe width	600mm
Ground pressure	47.5kPa
Operating weight	21200kg

SCOPE OF WORK (mm) (Boom: 5700 mm Arm: 2925 mm)

A	Max. digging height	10080
B	Max. dumping height	7190
C	Max. digging depth	6490
D	Max. vertical digging depth	5950
E	Max. Depth cut for 2500mm Level Bottom	6295
F	Max. digging distance	9860
G	Max. digging radius at ground level	9675
H	Min. swing radius of work equipment	2970



DIMENSIONS (mm)

A	Overall length	9625
B	Ground contact length (Transportation)	4915
C	Overall height(to top of boom)	3075
D	Overall width	2800
E	Overall height(to top of cab)	3090
F	Counter weight ground clearance	1075
G	Ground clearance	470
H	Tail swing radius	2925
I	Tread	3360
J	Track length	4140
K	Track gauge	2200
L	Track width	2800
M	Shoe width	600
O	Bonnet height	2395
P	Revolving frame width	2725
Q	Distance from swivel center to tail	2920

