SHANTUI

SE500LC

Crawler Excavator



Engine Model:	Cummins QSM11
Gross Power:	280 kW/2000 rpm
Operating Weight:	49,500 kg
Bucket Capacity:	2.8 m^3

High-Efficiency King
high return rates

SE500LC SPECIFICATIONS

ENGINE	
Model	Cummins QSM11
Type	High pressure common rail, turbocharged
No. of cylinder	6
Emission	Tier 3 / Stage III
Displacement	10.8L
Power output	280kw/2000rpm

HYDRAULIC SYSTEM	
Type	Double piston pump
Max. discharge flow	392×2L/min

DIGGING FORCE (ISO6015)	
Bucket	305kN
Arm	285kN

BUCKET	
Type	Backhoe bucket
Capacity	2.5~3.6(2.8)m^3
Width	1860mm

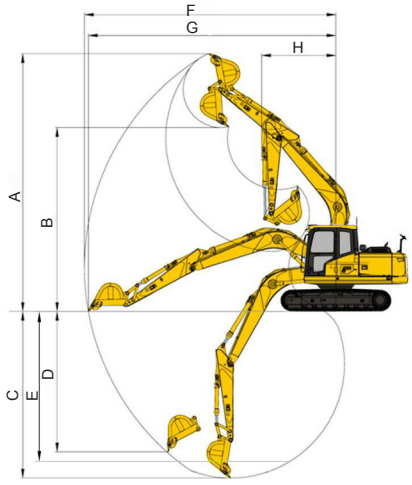
TRAVEL SYSTEM	
Type	Axial variable plunger motor
Track roller	9X2
Carrier roller	2X2
Track shoe	50X2
Travel speed	3.3/5.6km/h
Max. Drawbar pull	364kN
Gradeability	70% (35°)

SWING SYSTEM	
Swing motor type	Swash plate plunger motor
Swing speed	0-9r/min
Brake type	Pressure release, mechanical braking

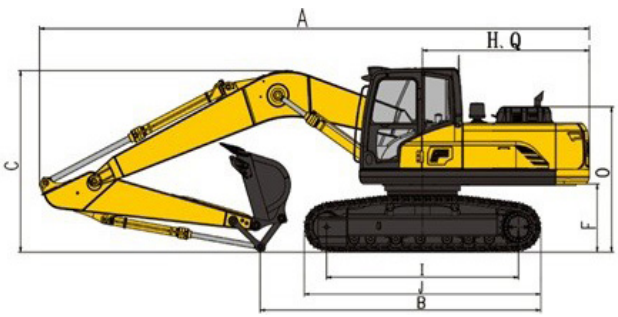
REFILL CAPACITIES & LUBRICATIONS	
Fuel tank	670L
Cooling system	30L
Engine oil	35L
Hydraulic oil tank	366L
System Capacity	460L

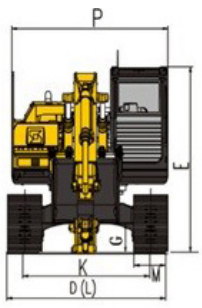
OPERATING WEIGHT AND GROUND PRESSURE	
Shoe width	600mm
Ground pressure	84kPa
Operating weight	49500kg

SCOPE OF WORK (mm)	(BOOM: 7060 mm	ARM: 2900 mm)
A	Max. digging height	10630
B	Max. dumping height	7820
C	Max. digging depth	7280
D	Max. vertical digging depth	5465
E	Max. depth cut for 2500mm level bottom	7105
F	Max. digging distance	11530
G	Max. digging radius at ground level	11315
H	Min. swing radius of work equipment	5030



DIMENSIONS (mm)		
A	Overall length	12210
B	Ground contact length (Transportation)	7705
C	Overall height (to top of boom)	3995
D	Overall width	3450
E	Overall height (to top of cab)	3395
F	Counter weight ground clearance	1315
G	Ground clearance	600
H	Tail swing radius	3840
I	Tread	4415
J	Track length	5495
K	Track gauge	2760
L	Track width	3360
M	Shoe width	600
O	Bonnet height	2980
P	Revolving frame width	3190
Q	Distance from swivel center to tail	3800





* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

SHANTUI
LET'S MAKE CONSTRUCTION EASIER