

SHANTUI

SE550LCW

Crawler Excavator



Engine model: Weichai WP14T
Engine power: 562kW/1900rpm
Operating weight: 55,000kg
Bucket capacity: 3.2m³

VALUE THAT WORKS

SE550LCW TECHNICAL PARAMETERS

ENGINE

Model	Weichai WP14T
Type	High pressure common rail, water-cooled, turbocharged
No. of cylinders	6
Emission standard	Tier 3
Displacement	13.5L
Rated power	562kW/1900rpm

HYDRAULIC SYSTEM

Type	Axial variable plunger pump
Rated operating flow	2X432L/min

DIGGING FORCE (ISO6015)

Bucket digging force	310kN
Arm digging force	285kN

BUCKET

Type	Backhoe bucket
Bucket capacity	3.2m ³
Bucket width	1925mm

TRAVEL SYSTEM

Type	Axial variable plunger motor
Number of track rollers	9X2
Number of carrier rollers	2X2
Number of track shoes	50X2
Travel speed	3.3/5.6km/h
Traction force	364kN
Gradeability	70% (35°)

SWING SYSTEM

Swing motor type	Swash plate plunger motor
Swing speed	0-8.7r/min
Brake type	Pressure release, mechanical braking

FUEL TANK CAPACITY (L)

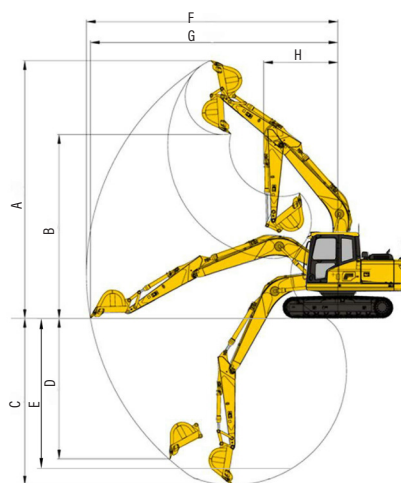
Fuel tank capacity	720
Cooling system	60
Engine oil	52
Hydraulic oil tank	320
System capacity	550

OPERATING WEIGHT AND GROUND PRESSURE

Ground pressure	92.8kPa
Operating weight	55000kg

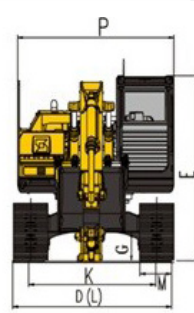
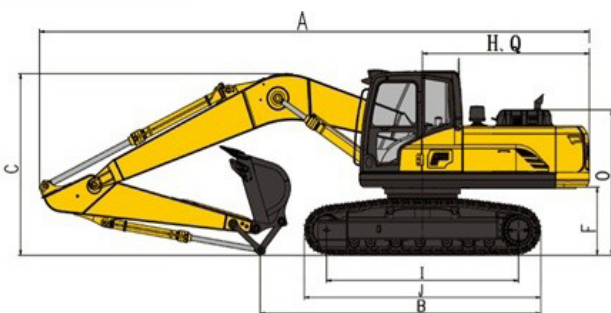
OPERATING RANGE(MM) (Boom: 6900 mm Arm: 3000 mm)

A Max. digging height	10355
B Max. dumping height	7490
C Max. digging depth	7120
D Max. vertical digging depth	5200
E Max. digging depth cut for 2500mm level bottom	6945
F Max. digging distance	11475
G Max. digging distance at ground level	11240
H Min. swing radius of work equipment	5005



OVERALL DIMENSION (MM)

A Overall length	12210
B Ground contact length (Transportation)	7320
C Overall height (to top of boom)	4030
D Overall width	3450
E Overall height (to top of cab)	3505
F Ground clearance of counterweight	1325
G Min. ground clearance	600
H Tail swing radius	4050
I Tread	4415
J Track length	5495
K Track gauge	2760
L Track width	3360
M Shoe width	600
O Bonnet height	3055
P Revolving frame width	3400
Q Distance from swivel center to tail	3970



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



Shantui Social

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