

# SHANTUI

## SE550LCW

Crawler Excavator



Engine model: Weichai WP13H  
Engine power: 316kW/1900rpm  
Operating weight: 55,000kg  
Bucket capacity: 3.2m<sup>3</sup>

VALUE THAT WORKS

# SE550LCW TECHNICAL PARAMETERS

## ENGINE

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Model             | Weichai WP13H                                         |
| Type              | High pressure common rail, water-cooled, turbocharged |
| No. of cylinders  | 6                                                     |
| Emission standard | Tier 3                                                |
| Displacement      | 12.9L                                                 |
| Rated power       | 316kW/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 <sup>3</sup> |
| 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)

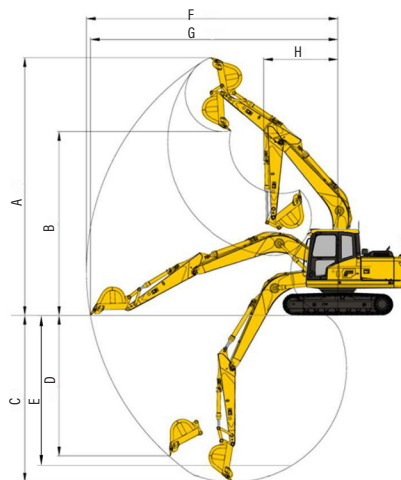
|                    |     |
|--------------------|-----|
| Fuel tank capacity | 720 |
| Cooling system     | 60  |
| Engine oil         | 52  |
| Hydraulic oil tank | 320 |
| System capacity    | 550 |

## OPERATING WEIGHT AND GROUND PRESSURE

|                  |         |
|------------------|---------|
| Ground pressure  | 92.8kPa |
| Operating weight | 55000kg |

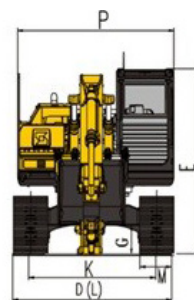
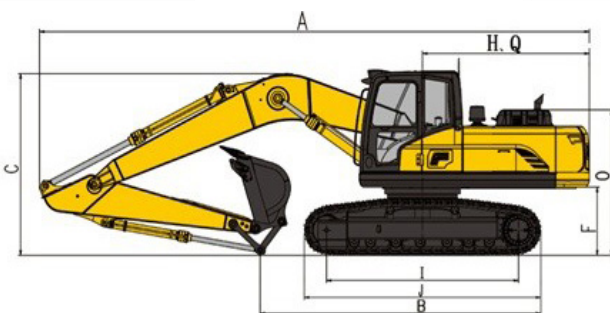
## OPERATING RANGE(MM) (Boom: 6900 mm Arm: 3000 mm)

|                                                  |       |
|--------------------------------------------------|-------|
| 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.



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