SHANTUI

# SE980LCW

## Crawler Excavator




| | |
|---|---|
| Engine Model: | Weichai 6M33 |
| Gross Power: | 571 kW/1800 rpm |
| Operating Weight: | 97,800kg |

GET THE MOST FROM ONE MACHINE

Postive flow system

# SE980LCW SPECIFICATIONS

| ENGINE | |
|---|---|
| Model | Weichai 6M33 |
| Type | Electronically controlled high-pressure common rail, water-cooled, in-line six-cylinder, turbocharged |
| No. of cylinder-Bore and stroke | 6-150mm×185 mm |
| Emission Regulation | - |
| Displacement | 19.6L |
| Power output | 571kW/1800rpm |

| HYDRAULIC SYSTEM | |
|---|---|
| Type | Piston pump plus gear pump plus cooling pump |
| Max. discharge flow | 2x570L/min |

| DIGGING FORCE (ISO6015) | |
|---|---|
| Bucket digging force | 480kN |
| Arm digging force | 417kN |

| BUCKET | |
|---|---|
| Type | Backhoe bucket |
| Bucket capacity | 6.5m$^3$ |
| Bucket width | 2525mm |

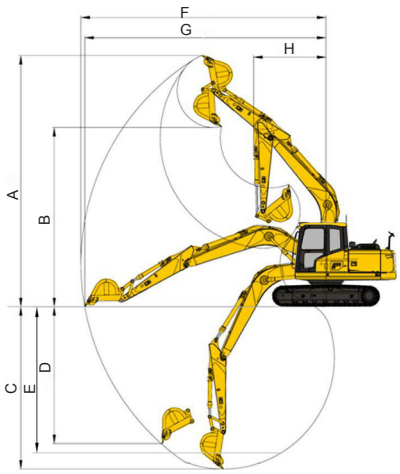
| TRAVEL SYSTEM | |
|---|---|
| Travel motors | Axial variable plunger motor |
| Support roller quantities | 9X2 |
| Carrier roller quantities | 3X2 |
| Travel shoes | 51X2 |
| Travel speed | 2.8/4.1km/h |
| Drawbar pulling force | 626N.m |
| Grade ability | 70% (35°) |

| SWING SYSTEM | |
|---|---|
| Swing motor type | Piston motor |
| Swing speed | 6.9r/min |
| Brake type | - |

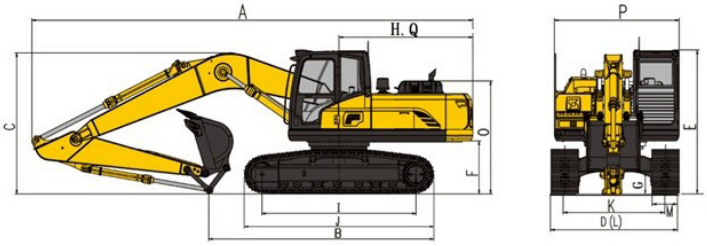
| REFILLING CAPACITIES | |
|---|---|
| Fuel tank | 1250L |
| Cooling system | 85L |
| Engine oil | 63L |
| Hydraulic oil tank | 580L |
| System Capacity | 1000L |

| PERATING WEIGHT AND GROUND PRESSURE | |
|---|---|
| Shoe width | 650mm |
| Ground pressure | 135kPa |
| Operating weight | 97800kg |

| SCOPE OF WORK (mm) (Boom: 7250 mm Arm: 2925 mm) | | |
|---|---|---|
| A | Max. digging height | 12735 |
| B | Max. dumping height | 8195 |
| C | Max. digging depth | 7150 |
| D | Max. vertical digging depth | 4960 |
| E | Max. Depth cut for 2500mm Level Bottom | 7010 |
| F | Max. digging distance | 12620 |
| G | Max. digging radius at ground level | 12310 |
| H | Min. swing radius of work equipment | 4395 |




| DIMENSIONS (mm) | | |
|---|---|---|
| A | Overall length | 13720 |
| B | Ground contact length (Transportation) | 8415 |
| C | Overall height(to top of boom) | 4990 |
| D | Overall width | 3605/4200 |
| E | Overall height(to top of cab) | 3720/3855 |
| F | Counter weight ground clearance | 1645 |
| G | Ground clearance | 915 |
| H | Tail swing radius | 4715 |
| I | Tread | 5090 |
| J | Track length | 6350 |
| K | Track gauge | 2790/3550 |
| L | Track width | 3440/4200 |
| M | Shoe width | 650 |
| O | Bonnet height | 3585 |
| P | Revolving frame width | 3480 |
| Q | Distance from swivel center to tail | 4595 |




* 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
VALUE THAT WORKS