

GROUP PRODUCTS



VALUE THAT WORKS

SHANTUI
AUSTRALIA
POWERED BY **EVCORE**

Western Australia
Sales: 0438 660 841
8 Alex Wood Drive
Forrestdale, WA 6112

Central Australia
Sales: 0486 199 045
35-37 Cavan Road
Gepps Cross, SA 5094

Eastern Australia
Sales: 0400 665 088
39 Boron Street
Sumner, QLD 4074



SHANTUI
AUSTRALIA
POWERED BY **EVCORE**

SE550LC
Crawler Excavator

Engine Model: WP13H
Gross Power: 316kW/1900rpm
Operating Weight: 53500-56500kg
Bucket Capacity: 3.2m³

Excellent Performance With
technology for any job

WALK-AROUND

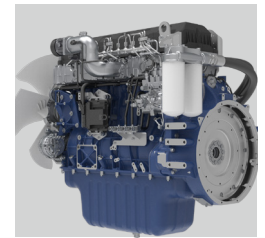
SHANTUI

ENHANCED BOOM&ARM

- Fully optimize the design of structural parts, strengthen the key stress points, and no fear of any tough works.
- Multiple specification for arm, boom, and bucket combination, suitable for all kinds of working condition

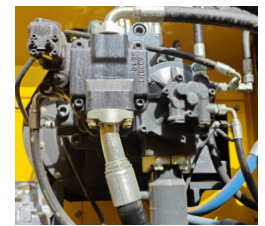
WEICHAI WP13H ENGINE

- Equipped with Weichai WP13H engine possessing a strong power output and an excellent transient response performance.
- The engine adopts high-pressure common rail injection technology to realize the accurate engine output power on demand.



KAWASAKI HYDRAULIC COMPONENTS

- The core hydraulic part is a superb combination of Kawasaki and Nabtesco.
- Positive flow hydraulic system ensures the precise control.



CAB

- Standard equipped with front guard and top guard to enhance the safety performance during mine operation.
- The reinforced profiled tube frame structure is adopted to ensure driving safety.

LARGE CAPACITY BUCKET

- Standard equipped with 3.2m³ severe duty bucket
- The rock type bucket teeth and the wear-resistant plate can greatly increase the service life of the bucket.

SHANTUI UNDERCARRIAGE

- Mining Excavator Featuring "undercarrige system" guarantees a high-quality of chassis parts within last 40 years, leading to a large load capacity of this excavator. The excavator is equipped with double grouser tracks to accommodate heavy-duty mine excavation and loading as well as heavy-duty stripping and crushing operations.
- The track frame is 60 tons and built in one-piece with high strength and grip.



COMFORT



SPACIOUS AND COMFORTABLE
OPERATING ENVIRONMENT

- The cab has a wide view, safe and comfortable
- New injection molding interior, reasonable color matching
- Suspension seat, slide rail adjustment
- Excellent shock absorption and noise reduction, operating with ease



- Standard equipped with radio, cigarette lighter, fire extinguisher, and escape hammer.
- The functional buttons are centrally arranged to ease the operations, pleasing to the eye.



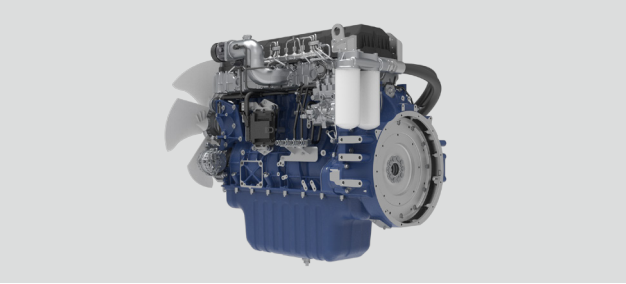
The high-power cooling and heating air conditioning system with adaptive system optimizes the air outlet channel, increases the wind speed by 15%, makes the air outlet more uniform, and controls the temperature more quickly.



Multi-information display monitor

RELIABILITY

EFFICIENT POWER TRAIN

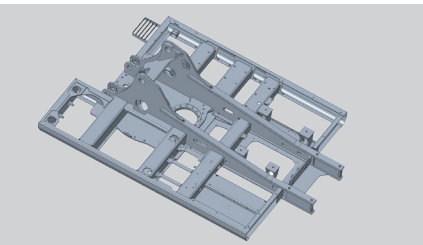


WP13H engine performance is stable, and enjoys a five-year or 10,000 hour super long warranty. The service stations are all over the world, with fast and convenient service and economical accessories.

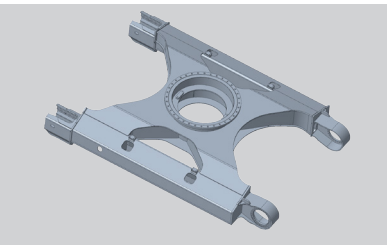


Two self-developed core control technologies:working condition discriminating control technology and multi-parameter coupling&matching technology guarantee a precise matching of crushing operation, improve striking force and save fuel consumption.

RELIABLE PERFORMANCES OF STRUCTURAL PARTS



Use CAE to analyze and optimize the structure, increase the height of the upper frame side beam, and select thicker steel plates for the stress points to improve the rigidity and strength of the main frame

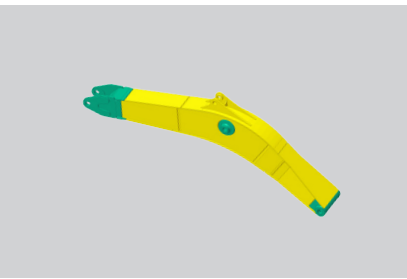


The lower frame adopts X-shaped box structure to ensure high load capacity and the steel plate at stress points are thickened to improve reliability and durability.

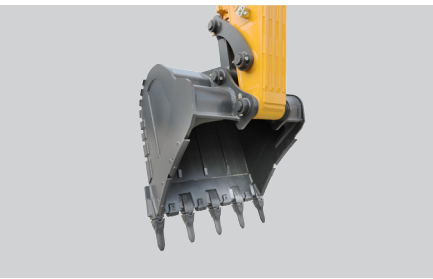
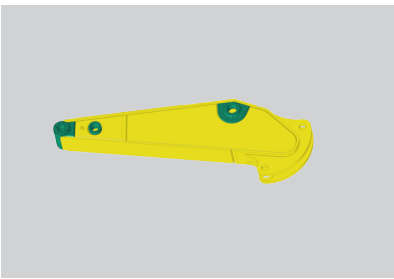


The covering parts adopt advanced automobile production technology, with complete mold forming, electrophoresis treatment technology, and weather-resistant toxic free paint, assuring the machine beautiful, durable and strong in reliability.

BOOM, ARM&BUCKET



- The front support of the arm is one piece casted, and the stress points are strengthened to achieve better reliability
- The front yoke and rear seat of the boom adopt a casting box form, which can bear multi-directional variable torque load.



QUICK AND EASY MAINTENANCE



The high precision fuel filter is centrally located at the left door for easy maintenance.



The engine hood with double-cylinder support, can be easily opened. The opening angle is large, which is convenient for maintenance and repair.



The fans are intelligently controlled and can be hydraulically shifted and reversed to ensure that the hydraulic fluid is always operating at an optimum temperature of 50 to 80°C.



The oil filter is placed at the right door, which is easy to maintain.



Radiator are placed in parallel to effectively avoid overheating and facilitate cleaning



Air filter replacement at your fingertips. Centralized arrangement of electrical components, convenient for inspection and maintenance.

OPTIONAL ATTACHMENT



RIPPER



COUPLER



HYDRAULIC BREAKER



SHEAR



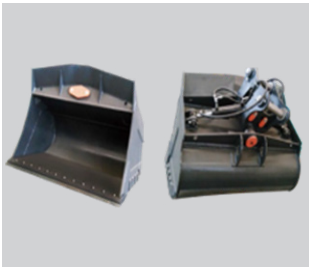
GRAPPLE



SKELETON BUCKET



CLAMSHELL

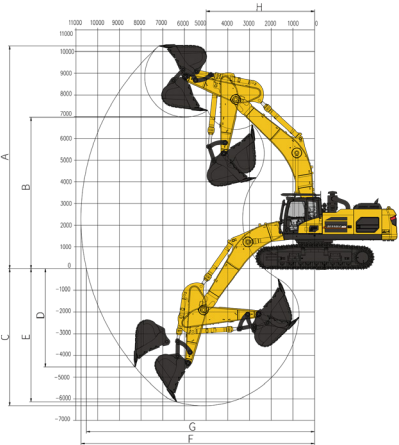


TILT BUCKET

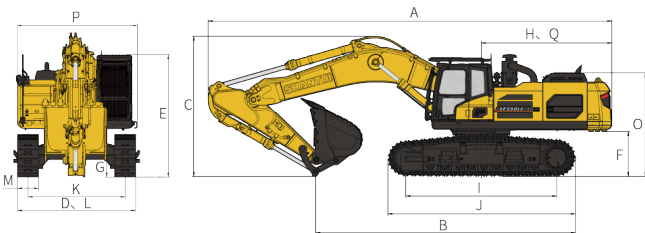
SPECIFICATIONS

ENGINE	
Model	WP13H
Type	High-pressure common rail, Water cooling, Inline-6-cylinder turbocharged
No. of cylinder	6
Emission Regulation	Tier 3 / Stage III
Displacement	12.9L
Power output	316kW/1900rpm
HYDRAULIC SYSTEM	
Type	Twin axial variable plunger pump
Discharge	2X392L/min
DIGGING FORCE (ISO6015)	
Bucket digging force	310kN
Arm digging force	285kN
BUCKET	
Type	Backhoe bucket
Bucket capacity	3.2m³
Bucket width	1950
TRAVEL SYSTEM	
Type	Axial variable plunger motor
Support roller quantities	2x9
Carrier roller quantities	2x2
Travel shoes	2x50
Travel speed	3.3/5.6km/h
Drawbar pulling force	364kN
Grade ability	70% (35°)
SWING SYSTEM	
Swing motor type	Axial variable plunger motors
Swing speed	0-8.5r/min
Brake type	Pressure release, mechanical braking
REFILLING CAPACITIES & LUBRICATIONS	
Fuel tank	720L
Cooling system	60L
Engine oil	46L
Hydraulic oil tank	320L
System Capacity	550L
OPERATING WEIGHT AND GROUND PRESSURE	
Shoe width	600mm
Ground pressure	86.3kPa
Operating weight	53500-56500kg

SCOPE OF WORK (MM)		
A	Max. digging height	10255
B	Max. dumping height	7290
C	Max. digging depth	6320
D	Max. vertical digging depth	4540
E	Max. Depth cut for 2500mm Level Bottom	6135
F	Max. digging distance	10765
G	Max. digging radius at ground level	10520
H	Min. swing radius of work equipment	5000



DIMENSIONS (MM)		
A	Overall length	11775
B	Ground contact length (Transportation)	7600
C	Overall height(to top of boom)	4140
D	Overall width	3585
E	Overall height(to top of cab)	3510
F	Counter weight ground clearance	1325
G	Ground clearance	600
H	Tail swing radius	3915
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	3820



* 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.