Shantui stands behind the JCM-made product as it does its own brand name products. And, with its valuable experience gained from its excavator joint venture, Shantui is able to excel in the critical areas of technical and production line management, and quality control. This experience shows with all Shantui product lines, and it is now apparent in our limited excavator line.

Shantui puts that valuable experience to work with its limited line of excavators. Since many customers want to have package deals from Shantui, Shantui carries its brand on excavators made by JCM/Strong, our sister company in the Shandong Heavy Industry Group.

One of Shantui’s unique strengths in China is its more than fifteen-year joint venture with Komatsu of Japan in making excavators.
SE60

**Technical specifications:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SE60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated power (kW/rpm)</td>
<td>36.0/2300</td>
</tr>
<tr>
<td>Type</td>
<td>4-cylinder inline</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
</tr>
<tr>
<td>Displacement</td>
<td>3.054</td>
</tr>
<tr>
<td>Air filter</td>
<td>Dry air filter</td>
</tr>
<tr>
<td>Fuel tank (L)</td>
<td>110</td>
</tr>
<tr>
<td>Throttle control</td>
<td>Manual/electronically-controlled</td>
</tr>
<tr>
<td>Operating weight (kg)</td>
<td>5850</td>
</tr>
<tr>
<td>Bucket width (mm)</td>
<td>769</td>
</tr>
<tr>
<td>Bucket capacity (m³)</td>
<td>0.22</td>
</tr>
</tbody>
</table>

**Component specifications:**

**TRAVEL SYSTEM**
- Variable axial piston motor
- Travel motor: 2 x 1.3 L
- Travel brakes: Pressure release
- Travel backlash: 2 x 40
- Travel speed: 2.13–4.89 km/h
- Falling force: 48.5 kN
- Ground clearance: 760 mm

**HYDRAULIC SYSTEM**
- Pump: Variable double piston pump
- Maximum discharge flow: 2 x 85.1 L/min
- Maximum discharge pressure: 22.0 MPa
- Boom, arm and bucket: 22.0 MPa
- Swing circuit: 7.5 MPa
- Control circuit: 4.0 MPa
- Pilot control pump: 10 L
- Main control valves: Constant power control system
- Oil cooler: Air-cooled

**CABIN & CONTROLS**
- Cabin: New ergonomic cab design strengthens the structure of the entire stamping with such features as: strong impact resistance, vibration damping pads, vibration absorbers, contoured seat with travel cushion, smooth contour lines of the outer surfaces, stiffness & durability
- Controls: Two joystick, two test buttons, manual/electronic-controlled throttle. Functions of two pumps: digging & swinging

**BOOM, ARM & BUCKET**
- Boom cylinder: 4 x 85 mm x 85 mm x 640 mm
- Arm cylinder: 85 mm x 50 mm x 740.5 mm
- Bucket cylinder: 0 x 55 mm x 570 mm

**SWING SYSTEM**
- Swing motor: Swash plate piston motor
- Brake: Pressure release
- Swing reducing gear: Lubricated double disc
- Swing speed: 10.8 rpm
- Tail swaying radius: 1052 mm

**REFILLING CAPACITIES & LUBRICATION**
- Fuel tank: 100 L
- Engine oil: 10 L
- Coolant: 21.5 MPa
- Hydraulic oil tank: 680 L
- (Hydraulic system) 130 L

**BUCKET**
- Use: Backhoe bucket
- Bucket capacity: 0.22 m³
- Number of bucket teeth: 3
- Bucket weight: 760 mm
- Ground pressure: 33 kPa

**OVERALL DIMENSIONS**

Specifications are subject to change without notice. The pictures may include options. The actual color and appearance of the product may differ from what is shown.
EXCAVATOR SERIES

SE70

Product features:

- Original imported CUMMINS B3.3 series engine with Tier 2 emissions, conducive for energy saving and environmental protection; features radial seal air cleaner and air pre-cleaner, effectively extending the engine's service life; equipped with standard fuel filling pump.
- Original imported hydraulic components, featuring stable and reliable quality, high work efficiency and big digging force.
- New type cab and seat, strengthened working devices, with up to 360° swinging in small spaces with radius of up to 3.7m; strong adaptability in mining environments.
- Equipped with electronic control system: offering real time monitoring of the operating status of the machine, with self-diagnosis and recording functions, electronic control throttle, and choice of four kinds of operating modes.
- Blade and breaking pipe are standard equipment, making this a multifunctional machine for excavating, landfilling, breaking and leveling.
- Multi-function GPS can handle remote monitoring and two-way data transmission, while showing real time operating status of the machine.

Technical specifications:

**MODEL**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SE70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated power (W/kW)</td>
<td>46/2200</td>
</tr>
<tr>
<td>Engine</td>
<td>CUMMINS B3.3</td>
</tr>
<tr>
<td>Type</td>
<td>6-cylinder inline</td>
</tr>
<tr>
<td>Quantity of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Bore/stroke (mm)</td>
<td>95 x 115</td>
</tr>
<tr>
<td>Displacement (L)</td>
<td>3.3</td>
</tr>
<tr>
<td>Cooling</td>
<td>Water-cooled</td>
</tr>
<tr>
<td>Air filter</td>
<td>Dry air filter</td>
</tr>
<tr>
<td>Fuel tank (L)</td>
<td>170</td>
</tr>
<tr>
<td>Throttle control</td>
<td>Manual/electronic-controlled</td>
</tr>
<tr>
<td>Operating weight (kg)</td>
<td>7100</td>
</tr>
<tr>
<td>Bucket width (mm)</td>
<td>804</td>
</tr>
<tr>
<td>Bucket capacity (m³)</td>
<td>0.28</td>
</tr>
</tbody>
</table>

**OVERALL DIMENSIONS**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Overall length (mm)</td>
</tr>
<tr>
<td>B</td>
<td>Ground contact length (Transportation) (mm)</td>
</tr>
<tr>
<td>C</td>
<td>Overall length (to top of boom) (mm)</td>
</tr>
<tr>
<td>D</td>
<td>Overall width (mm)</td>
</tr>
<tr>
<td>E</td>
<td>Overall height (to top of cab) (mm)</td>
</tr>
<tr>
<td>F</td>
<td>Open length (mm)</td>
</tr>
<tr>
<td>G</td>
<td>Revolving frame width (mm)</td>
</tr>
<tr>
<td>H</td>
<td>Distance from rear wheel to tail (mm)</td>
</tr>
</tbody>
</table>

**COMPONENT SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAVEL SYSTEM</td>
<td>Variable axial piston motor</td>
</tr>
<tr>
<td>Travel motor</td>
<td>Lubricated double-disc</td>
</tr>
<tr>
<td>Travel brake</td>
<td>Pressure release</td>
</tr>
<tr>
<td>Travel shoe</td>
<td>2 + 38</td>
</tr>
<tr>
<td>Travel speed</td>
<td>3.14-4.28 km/h</td>
</tr>
<tr>
<td>Ground force</td>
<td>37.7 kN</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>361.5 mm</td>
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<tr>
<td>HYDRAULIC SYSTEM</td>
<td>Variable double-piston pump</td>
</tr>
<tr>
<td>Pump</td>
<td>Lubricated double-disc</td>
</tr>
<tr>
<td>Maximum discharge flow</td>
<td>2 x 74.8 L/min</td>
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<tr>
<td>Maximum discharge pressure</td>
<td>27.5 MPa</td>
</tr>
<tr>
<td>Boom, arm and bucket</td>
<td>315 MPa</td>
</tr>
<tr>
<td>Gear pump</td>
<td>49 MPa</td>
</tr>
<tr>
<td>Pilot control valves</td>
<td>11.2 rpm</td>
</tr>
<tr>
<td>Main control valves</td>
<td>Air-cooled</td>
</tr>
<tr>
<td>CABIN &amp; CONTROLS</td>
<td>New ergonomic cab design strengthens the structure of the outer surface, strong impact resistance, vibration absorbing pads, vibration absorber; comforted seat with travel cushion, smooth contour lines of the outer surface, sturdy &amp; durability</td>
</tr>
<tr>
<td>Engine oil</td>
<td>13 L</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>95 x 115</td>
</tr>
<tr>
<td>Engine oil</td>
<td>Lubricated double-disc</td>
</tr>
<tr>
<td>Oil cooler</td>
<td>36.2 kPa</td>
</tr>
<tr>
<td>Oil cooler</td>
<td>1206 mm</td>
</tr>
</tbody>
</table>

**BOOM, ARM & BUCKET**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base cylinder</td>
<td>Ø100 mm x Ø60 mm x 867 mm</td>
</tr>
<tr>
<td>Arm cylinder</td>
<td>Ø100 mm x Ø60 mm x 867 mm</td>
</tr>
<tr>
<td>Bucket cylinder</td>
<td>Ø205 mm x Ø137 mm x 710 mm</td>
</tr>
<tr>
<td>SWING SYSTEM</td>
<td>Swing motor type</td>
</tr>
<tr>
<td>Swing motor</td>
<td>Swivel plate piston motor</td>
</tr>
<tr>
<td>Swing brake</td>
<td>Pressure release</td>
</tr>
<tr>
<td>Swing speed</td>
<td>11.2 rpm</td>
</tr>
<tr>
<td>Tail swing radius</td>
<td>1206 mm</td>
</tr>
</tbody>
</table>

**REFILLING CAPACITIES & LUBRICATIONS**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>170 L</td>
</tr>
<tr>
<td>Coolant tank</td>
<td>30 L</td>
</tr>
<tr>
<td>Engine oil</td>
<td>95 x 115</td>
</tr>
<tr>
<td>Air filter</td>
<td>180 L</td>
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**BUCKET**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket width</td>
<td>710 mm</td>
</tr>
<tr>
<td>Bucket capacity</td>
<td>0.28 m³</td>
</tr>
<tr>
<td>Number of bucket teeth</td>
<td>28</td>
</tr>
<tr>
<td>Maximum discharge pressure</td>
<td>3766</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR AND APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.**
SE80

Product features:

• Original imported CUMMINS B3.3 series engine, with Tier 2 emissions, conducive for energy saving and environmental protection; features radial seal air cleaner and air pre-cleaner, effectively extending the engine’s service life; equipped with standard fuel filling pump.
• Original imported hydraulic components, with stable and reliable quality, high working efficiency and big digging force.
• New type cab and seat, strengthened working devices, and up to 360° swaying in small spaces with radius of at least 3.7m; strong adaptability in mining environments. Equipped with electronic control system with real time monitoring of the operating status of the machine, also with self-diagnosis and recording functions, electronic control throttle, and four choices of operating modes.
• Blade and breaking pipe are standard equipment, making this a multifunctional machine for excavating, landfill, breaking and leveling.
• Multi-function GPS offers remote monitoring and two-way data transmission, and a real time view of the operating status of the machine.

Technical specifications:

MODEL: SE80
Rated power (kW) 60/2200
Engine Cummins B3.3
Type 4-cylinder inline
Quantity of cylinders 6
Bore/Stroke (mm) 95 x 115
Displacement (L) 3.3
Cooling Water-cooled
Air filter Dry air filter
Fuel tank (L) 230
Throttle control Manual/electronic-controlled
Operating weight (kg) 7650
Boom width (mm) 620
Bucket capacity (m³) 0.32

Component specifications:

TRAVEL SYSTEM
Travel motor Variable axial piston motor
Travel brakes Lubricated double-disc
Parking brakes Pressure release
Number of travel shoes 2 x 40
Travel speed 3.14–5.26 km/h
Drum pulling force 47.7 kN
Gradability 70% (15°)
Ground clearance 361.5 mm

HYDRAULIC SYSTEM
Pump Type Imported
Maximum discharge flow Variable double-cylinder pump
Maximum discharge pressure 275 MPa
Boom, arm and bucket 275 MPa
Travel circuit 275 MPa
Swing circuit 215 MPa
Control circuit 49 MPa
Pilot control pump Air pump
Main control valves Negatively flow control system
Oil cooler Air-cooled

CABIN & CONTROLS
Cab New ergonomic cab design strengthens the structure of the entire stamping with such features as: strong impact resistance, vibration damping pads, vibration absorbing, centered seat with broad vision, smooth contour lines of the outer surface, strength & durability
Controls Two joysticks, two foot pedals, manual/electronic-controlled throttle. Functions of two joysticks: digging & swinging

BRAIN, ARM & BUCKET
Boom cylinder D115 mm x 185 mm x 864 mm
Arm cylinder D100 mm x 180 mm x 887 mm
Bucket cylinder D80 mm x 195 mm x 710 mm

SWING SYSTEM
Swing motor Type Imported
Swing motor type Swivel plate piston motor
Brake Type Pressure release
Foot brakes Lubricated double-disc
Swing speed 11.2 rpm
Tail swing radius 1750 mm

REFILLING CAPACITIES & LUBRICATIONS
Fuel tank 230L
Cooling system 15L
Engine oil 15L
Travell reduction gear 2 x 3.3
Swing reduction gear 3.14–5.26
Swing motor type Hydraulic anti-lubrication hydraulic oil tank
Swing oil tank (Turbo oil level 111)

BUCKET
Use Backhoe bucket
Bucket capacity (m³) 0.32
Number of bucket teeth 36
Bucket width (mm) 820
Ground pressure (MPa) 0.87

OVERALL DIMENSIONS

A Max. digging height (mm) 6581
B Max. dumping height (mm) 4535
C Overall length (mm) 6331
D Max. vertical digging depth (mm) 3581
E Max. depth cut for 2440 m(8’) level bottom (mm) 3656
F Max. digging distance (mm) 6447
G Min. swing radius of work equipent (mm) 2383
H Tail swing radius (mm) 1750
I Tread (mm) 2285
J Track length (mm) 2930
K Truck gauge (mm) 1810
L Track width (mm) 2300
M Shoe width (mm) 450
N Overall length (mm) 3656
O Swivel frame width (mm) 1750
P Distance from swivel center to tail (mm) 1750

Specifications are subject to change without notice. The pictures may include options. The actual color and appearance of the product may differ from what is shown.
Product features:

- Original imported CUMMINS B3.9-C series engine, with Tier 2 emissions, conducive for energy saving and environmental protection; features radial seal air cleaner and air pre-cleaner, effectively extending the engine’s service life; equipped with standard fuel filling pump.
- Designed for maintenance convenience, with a pressure transmitter, effectively improving fuel economy.
- Original imported hydraulic components, with stable and reliable quality, high working efficiency and big digging force, equipped with a standard pressure transmitter.
- New type cab and seat, new interior system, new type full automatic air conditioner system, which can automatically adjust air flow distribution, making it comfortable to operate.
- Equipped with new-generation electronic control system: big color LCD with real time monitoring of the operating status of the machine, also with self-diagnosis and recording functions, electronic control throttle, and several choices of operating modes.
- Many different buckets to choose from, as well as many kinds of accessories, such as blades, breaking hammer, ripper, electromagnetic chuck and quick hitch, etc, all of which can be selected to make it a multifunctional machine for such tasks as excavating, landfill, breaking and leveling and more.
- Multi-function GPS offers remote monitor and two-way data transmission, and a real time view of the operating status of the machine.

Technical specifications:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SE130</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>Cummins B3.9-C</td>
</tr>
<tr>
<td>Quantity of cylinders</td>
<td>4</td>
</tr>
<tr>
<td>Bore/stroke (mm)</td>
<td>102 x 120</td>
</tr>
<tr>
<td>Displacement (L)</td>
<td>3.9</td>
</tr>
<tr>
<td>Cooling</td>
<td>Water-cooled</td>
</tr>
<tr>
<td>Air filter</td>
<td>Dry air filter</td>
</tr>
<tr>
<td>Fuel tank (L)</td>
<td>238</td>
</tr>
<tr>
<td>Throttle control</td>
<td>Manual/electronic-controlled</td>
</tr>
<tr>
<td>Operating weight (kg)</td>
<td>12800</td>
</tr>
<tr>
<td>Bucket width (mm)</td>
<td>880</td>
</tr>
<tr>
<td>Bucket capacity (m³)</td>
<td>0.55</td>
</tr>
</tbody>
</table>

Component specifications:

**TRAVEL SYSTEM**
- Travel motor: Variable axial piston motor
- Travel brakes: Lubricated double-disc
- Parking brake: Pressure release
- Travel shoes: 2 x 44
- Travel speed: 3.61-5.89 km/h
- Ground clearance: 424.5 mm

**HYDRAULIC SYSTEM**
- Pump: Imported double-disc pump
- Maximum discharge flow: 2 x 108 l/min
- Maximum discharge pressure: 31.5 MPa
- Travel circuit: 31.5 MPa
- Swing circuit: 21.5 MPa
- Control circuit: 11 MPa
- Main control valves: Negative flow control system
- Oil cooler: Air-cooled

**CABIN & CONTROLS**
- Cabin: New ergonomic cab design strengthens the structure of the entire stamping with radial flanges, strong impact resistance, vibration damping pads, vibration absorption, comfortable seats with broad vision, throttle box and ABS & PVC plastic technology applied to interior, smooth contour lines of the outer surface, sturdiness & durability
- Controls: Two joysticks, two foot pedals, manual/electronic-controlled throttle, functions of two Joysticks: digging & swinging

**BOOM, ARM & BUCKET**
- Boom cylinder: 0105 x Ø75 mm x 400 mm
- Arm cylinder: 0115 x Ø80 mm x 1175 mm
- Bucket cylinder: 0400 x Ø80 mm x 405 mm

**SWING SYSTEM**
- Swing motor: Imported
- Swing motor type: Swash plate piston motor
- Brake: Pressure release
- Parking brake: Lubricated double-disc
- Swinging circuit: 11 MPa
- Main control valves: Negative flow control system

**REFILLING CAPACITIES & LUBRICATIONS**
- Fuel tank: 0.55 m³
- Cooling system: Water-cooled
- Engine oil: 0.55 L
- Travel reduction gear: 2 x 1.5 L
- Swing reduction gear: 3 L
- Hydraulic oil tank: 208 L

**BUCKET**
- Use: Backhoe bucket
- Bucket capacity: 0.55 m³
- Number of bucket teeth: 3
- Bucket width: 900 mm
- Ground pressure (kPa): 30 kPa

**Dig yourself out.**

*Specifications are subject to change without notice. The pictures may include options. The actual color and appearance of the product may differ from what is shown.*
Shantui’s JCM/Strong-made excavators do the trick.

Shantui’s limited line of small excavators are made by our sister company JCM/Strong, also a member of the Shandong Heavy Industry Group. And, you get all the quality and value of any Shantui branded product.

For starters, the machines come with Shantui-made structural and undercarriage parts and incorporate top brand name hydraulics from abroad. The small to mid-range models use Weichai engines, China’s top brand of diesel engines for construction machinery. Larger, optional models include Cummins engines.

Either way, you’re getting Shantui value in the overall product. Isn’t it time for you to go with what works, for less?
**Technical specifications:**

### TRAVEL SYSTEM
- **Travel motor**: Variable axial piston motor
- **Travel brakes**: Lubricated double-disc
- **Pumping**: Pressure release
- **Travel shoes**: 2 x 16
- **Travel speed**: 1.5-5.5 km/h
- **Ground clearance**: 191 mm
- **Ground pressure**: 468 mm

### HYDRAULIC SYSTEM
- **Pump**: Import, type: Variable double-piston motor
- **Maximum output pressure**: 25.5 MPa
- **Displacement**: 5 L
- **Cooling system**: Water-cooled
- **Fuel tank**: 360 L
- **Air filter**: Dry air filter
- **Water filter**: Dry air filter
- **Fuel tank**: 360 L
- **Temperature control**: Manual/electronic controlled

### CABIN & CONTROLS
- **Cabin**: New ergonomic cab design strengthens the structure of the entire stamping unit and features an attractive impact resistance, vibration damping pads, vibration absorption, comfortable seats with adjustable seats, backrests and ABS & PVC plastic technology applied to interior smooth & comfortable finish of the interior surface, stainless & durability

### OVERALL DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS-2150</td>
<td>2355 mm</td>
</tr>
</tbody>
</table>

**Product features:**

- The SE210 makes the leap to our most powerful range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui's body design makes maintenance convenient with easy access points.
- The SE210 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diffusence, swing priority and flux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousin, the SE130, the SE210 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating flexibility.
- Using best design practices, we apply a three-dimensional and finite analysis to the working device, the frame and under carriages to ensure sure higher standards of performance and reliability.

**Component specifications:**

### BOOM, ARM & BUCKET
- **Boom cylinder**: 0120 mm x 0195 mm x 1320 mm
- **Arm cylinder**: 0175 mm x 0195 mm x 1400 mm
- **Bucket cylinder**: 0170 mm x 0195 mm x 1120 mm

### SWING SYSTEM
- **Swing motor**: Import, type: Variable piston motor
- **Swing brakes**: Pressure release
- **Swing speed**: 11.5 rpm

### REFILLING CAPACITIES & LUBRICATIONS
- **Fuel tank**: 360 L
- **Engine oil**: 4.4 L
- **Hydraulic oil tank**: 240 L

**SE210**

**EXCAVATOR SERIES**

**SE210**

**Product features:**

- The SE210 makes the leap to our more powerful range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui's body design makes maintenance convenient with easy access points.
- The SE210 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diffusence, swing priority and flux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousin, the SE130, the SE210 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating flexibility.
- Using best design practices, we apply a three-dimensional and finite analysis to the working device, the frame and under carriages to ensure sure higher standards of performance and reliability.
**EXCAVATOR SERIES**

**SE220**

**Product features:**
- The SE220 is a reliable workhorse in our mid-power range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui's body design makes maintenance convenient with easy access points.
- The SE220 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diffuence, swing priority and flux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousins, the SE220 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating flexibility.
- Using best design practices, we apply a three-dimensional and finite analysis in the working device, the frame and under carriage to ensure sure higher standards of performance and reliability.
- Finally, the SE220's unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.

**Technical specifications:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SE220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated power (kW/rev)</td>
<td>112/1950</td>
</tr>
<tr>
<td>Engine</td>
<td>Cummins ISL 9 E-C</td>
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<tr>
<td>Type</td>
<td>6-cylinder inline</td>
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<tr>
<td>Quantity of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Bore/stroke (mm)</td>
<td>102 x 120</td>
</tr>
<tr>
<td>Displacement (L)</td>
<td>5.9</td>
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<tr>
<td>Cooling</td>
<td>Water-cooled</td>
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<tr>
<td>Air filter</td>
<td>Dry air filter</td>
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<tr>
<td>Fuel tank (L)</td>
<td>260</td>
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<tr>
<td>Throttle control</td>
<td>Manual/electronic controlled</td>
</tr>
<tr>
<td>Operating weight (kg)</td>
<td>28600</td>
</tr>
<tr>
<td>Bucket width (mm)</td>
<td>1189</td>
</tr>
<tr>
<td>Bucket capacity (m³)</td>
<td>1.2</td>
</tr>
</tbody>
</table>

**Component specifications:**

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>TRAVEL SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel motor</td>
<td>Variable axial piston</td>
</tr>
<tr>
<td>Travel brakes</td>
<td>Lubricated double-disc</td>
</tr>
<tr>
<td>Travel shoes</td>
<td>2 x 46</td>
</tr>
<tr>
<td>Travel speed</td>
<td>1.8–5.4 km/h</td>
</tr>
<tr>
<td>Bucket pulling forces</td>
<td>201 kN</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>76–125</td>
</tr>
<tr>
<td>HYDRAULIC SYSTEM</td>
<td>Variable double piston-pump</td>
</tr>
<tr>
<td>Maximum delivery flow</td>
<td>2 x 250 l/min</td>
</tr>
<tr>
<td>Maximum delivery pressure</td>
<td>31.5 MPa</td>
</tr>
<tr>
<td>Boom, arm and bucket</td>
<td>25.5 MPa</td>
</tr>
<tr>
<td>Swing (rev)</td>
<td>25.5 MPa</td>
</tr>
<tr>
<td>Control circuit</td>
<td>38 MPa</td>
</tr>
<tr>
<td>Pilot control pump</td>
<td>Air-cooled</td>
</tr>
<tr>
<td>Main control valves</td>
<td>Negative flow control system</td>
</tr>
<tr>
<td>Oil cooler</td>
<td>Air-cooled</td>
</tr>
</tbody>
</table>

**CABIN & CONTROLS**
- Cabin: New ergonomic cab design strengthens the structure of the entire digging unit and features an outstanding impact resistance, vibration damping pads, vibration absorption, comfortable seats with broad vision, breadth mirror and AIS & PVC plastic technology applied to interior smooth contour lines of the outer surface, sturdiness & durability
- Controls: Two joystick, two foot pedals, manual/electronic-controlled throttle. Functions of two joysticks: digging & swinging

**OVERALL DIMENSIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SE220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Type</td>
<td>390/80</td>
</tr>
<tr>
<td>A</td>
<td>Overhead length (mm)</td>
</tr>
<tr>
<td>B</td>
<td>Ground contact length (Transportation) (mm)</td>
</tr>
<tr>
<td>C</td>
<td>Overall height (to top of boom) (mm)</td>
</tr>
<tr>
<td>D</td>
<td>Overall width (mm)</td>
</tr>
<tr>
<td>E</td>
<td>Overhead length (to top of cab) (mm)</td>
</tr>
<tr>
<td>F</td>
<td>Counter weight ground clearance (mm)</td>
</tr>
<tr>
<td>G</td>
<td>Ground clearance (mm)</td>
</tr>
<tr>
<td>H</td>
<td>Tail swing radius (mm)</td>
</tr>
<tr>
<td>I</td>
<td>Tread (mm)</td>
</tr>
<tr>
<td>J</td>
<td>Track length (mm)</td>
</tr>
<tr>
<td>K</td>
<td>Truck gauge (mm)</td>
</tr>
<tr>
<td>L</td>
<td>Track width (mm)</td>
</tr>
<tr>
<td>M</td>
<td>Shoe width (mm)</td>
</tr>
<tr>
<td>N</td>
<td>Overall length (mm)</td>
</tr>
<tr>
<td>O</td>
<td>Overall width (mm)</td>
</tr>
<tr>
<td>P</td>
<td>Distance from swivel center to tail (mm)</td>
</tr>
</tbody>
</table>

**BOOM, ARM & BUCKET**
- Boom cylinder: ø115 mm x Ø80 mm x 1120 mm
- Arm cylinder: ø115 mm x Ø80 mm x 1400 mm
- Bucket cylinder: ø115 mm x Ø80 mm x 1120 mm

**SWING SYSTEM**
- Swing motor type: Swash plate piston motor
- Brakes: Pressure valve
- Parking brake: Lubricated double-disc
- Swing speed: 12 rpm
- Tail swing radius: 2900 mm

**REFILLING CAPACITIES & LUBRICATIONS**
- Fuel tank: 260 L
- Coolant: 5 L
- Engine oil: 208 L/min
- Travel reduction gear: 8 L
- Hydraulic oil tank: Tank oil level 360 L
- Hydraulics: 260 L

**BUCKET**
- Use: Backhoe bucket
- Bucket capacity: 3.9–5.6 km/h
- Bucket width: 1189 mm
- Ground pressure: 42 kPa

**Component specifications:**

**Technical specifications:**

- **TRAVEL SYSTEM**
  - Travel motor: Variable axial piston
  - Travel brakes: Lubricated double-disc
  - Travel shoes: 2 x 46
  - Travel speed: 1.8–5.4 km/h
  - Bucket pulling forces: 201 kN
  - Ground clearance: 76–125
- **HYDRAULIC SYSTEM**
  - Variable double piston-pump
  - Maximum delivery flow: 2 x 250 l/min
  - Maximum delivery pressure: 31.5 MPa
  - Boom, arm and bucket: 25.5 MPa
  - Swing (rev): 25.5 MPa
  - Control circuit: 38 MPa
  - Pilot control pump: Air-cooled
  - Main control valves: Negative flow control system
  - Oil cooler: Air-cooled
- **CABIN & CONTROLS**
  - Cabin: New ergonomic cab design strengthens the structure of the entire digging unit and features an outstanding impact resistance, vibration damping pads, vibration absorption, comfortable seats with broad vision, breadth mirror and AIS & PVC plastic technology applied to interior smooth contour lines of the outer surface, sturdiness & durability
  - Controls: Two joystick, two foot pedals, manual/electronic-controlled throttle. Functions of two joysticks: digging & swinging
- **OVERALL DIMENSIONS**
  - Arm Type: 390/80
  - A: Overhead length (mm): 9949
  - B: Ground contact length (Transportation) (mm): 4953
  - C: Overall height (to top of boom) (mm): 3073
  - D: Overall width (mm): 2800
  - E: Overhead length (to top of cab) (mm): 2820
  - F: Counter weight ground clearance (mm): 1075
  - G: Ground clearance (mm): 470
  - H: Tail swing radius (mm): 378
  - I: Tread (mm): 3360
  - J: Track length (mm): 4180.5
  - K: Truck gauge (mm): 2200
  - L: Track width (mm): 2800
  - M: Shoe width (mm): 600
  - N: Overall length (mm): 2800
  - O: Overall width (mm): 2736
  - P: Distance from swivel center to tail (mm): 2853

**Component specifications:**

- **BOOM, ARM & BUCKET**
  - Boom cylinder: ø115 mm x Ø80 mm x 1120 mm
  - Arm cylinder: ø115 mm x Ø80 mm x 1400 mm
  - Bucket cylinder: ø115 mm x Ø80 mm x 1120 mm
- **SWING SYSTEM**
  - Swing motor type: Swash plate piston motor
  - Brakes: Pressure valve
  - Parking brake: Lubricated double-disc
  - Swing speed: 12 rpm
  - Tail swing radius: 2900 mm
- **REFILLING CAPACITIES & LUBRICATIONS**
  - Fuel tank: 260 L
  - Coolant: 5 L
  - Engine oil: 208 L/min
  - Travel reduction gear: 8 L
  - Hydraulic oil tank: Tank oil level 360 L
- **BUCKET**
  - Use: Backhoe bucket
  - Bucket capacity: 3.9–5.6 km/h
  - Bucket width: 1189 mm
  - Ground pressure: 42 kPa

**Technical specifications:**

- **TRAVEL SYSTEM**
  - Travel motor: Variable axial piston
  - Travel brakes: Lubricated double-disc
  - Travel shoes: 2 x 46
  - Travel speed: 1.8–5.4 km/h
  - Bucket pulling forces: 201 kN
  - Ground clearance: 76–125
- **HYDRAULIC SYSTEM**
  - Variable double piston-pump
  - Maximum delivery flow: 2 x 250 l/min
  - Maximum delivery pressure: 31.5 MPa
  - Boom, arm and bucket: 25.5 MPa
  - Swing (rev): 25.5 MPa
  - Control circuit: 38 MPa
  - Pilot control pump: Air-cooled
  - Main control valves: Negative flow control system
  - Oil cooler: Air-cooled
- **CABIN & CONTROLS**
  - Cabin: New ergonomic cab design strengthens the structure of the entire digging unit and features an outstanding impact resistance, vibration damping pads, vibration absorption, comfortable seats with broad vision, breadth mirror and AIS & PVC plastic technology applied to interior smooth contour lines of the outer surface, sturdiness & durability
  - Controls: Two joystick, two foot pedals, manual/electronic-controlled throttle. Functions of two joysticks: digging & swinging
- **OVERALL DIMENSIONS**
  - Arm Type: 390/80
  - A: Overhead length (mm): 9949
  - B: Ground contact length (Transportation) (mm): 4953
  - C: Overall height (to top of boom) (mm): 3073
  - D: Overall width (mm): 2800
  - E: Overhead length (to top of cab) (mm): 2820
  - F: Counter weight ground clearance (mm): 1075
  - G: Ground clearance (mm): 470
  - H: Tail swing radius (mm): 378
  - I: Tread (mm): 3360
  - J: Track length (mm): 4180.5
  - K: Truck gauge (mm): 2200
  - L: Track width (mm): 2800
  - M: Shoe width (mm): 600
  - N: Overall length (mm): 2800
  - O: Overall width (mm): 2736
  - P: Distance from swivel center to tail (mm): 2853
**EXCAVATOR SERIES**

**SE240**

**Product features:**

- The SE240 is among our best sellers in the mid-power range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui’s body design makes maintenance convenient with easy access points.
- The SE240 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diffuence, swing priority and flux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousins, the SE240 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating flexibility.
- Using best design practices, we apply a three-dimensional and finite analysis to the working device, the frame and under carriage to ensure sure higher standards of performance and reliability.
- Finally, the SE240’s unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.

**Technical specifications:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SE240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated power (kW/rpm)</td>
<td>105/1200</td>
</tr>
<tr>
<td>Engine</td>
<td>Cummins BS IV-C</td>
</tr>
<tr>
<td>Type</td>
<td>6-cylinder inline</td>
</tr>
<tr>
<td>Quantity of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Bore/stroke (mm)</td>
<td>102 x 320</td>
</tr>
<tr>
<td>Displacement (L)</td>
<td>5.9</td>
</tr>
<tr>
<td>Cooling</td>
<td>Water-cooled</td>
</tr>
<tr>
<td>Air filter</td>
<td>Dry air filter</td>
</tr>
<tr>
<td>Fuel tank (L)</td>
<td>260</td>
</tr>
<tr>
<td>Throttle control</td>
<td>Manual/electronic-controlled</td>
</tr>
<tr>
<td>Operating weight (kg)</td>
<td>24000</td>
</tr>
<tr>
<td>Bucket width (mm)</td>
<td>1309</td>
</tr>
<tr>
<td>Bucket capacity (m³)</td>
<td>1.2</td>
</tr>
</tbody>
</table>

**Component specifications:**

**TRAVEL SYSTEM**

- Travel motor: Variable axial piston motor
- Travel brakes: Lubricated double-disc
- Parking brake: Pressure release
- Travel shoes: 2 x 51
- Travel speed: 2.4 x 4.3 km/h
- Gear pump: 191 L/min
- Gravitational: 720 x 137
- Ground clearance: 467.5 mm

**HYDRAULIC SYSTEM**

- Pump: Swash plate piston motor
- Pilot control pump: Lubricated double-disc
- Swing circuit: Gear pump
- Travel circuit: Gear pump
- Coolant system: Air-cooled

**OVERALL DIMENSIONS**

| Overall length (mm) | 9907 |
| Overall height (to top of boom) (mm) | 3255 |
| Overall width (mm) | 3000 |
| Overall height (to top of cab) (mm) | 3009 |

**BOOM, ARM & BUCKET**

- Boom cylinder: 8130 mm x Ø60 mm x 1305 mm
- Arm cylinder: 7140 mm x Ø100 mm x 1620 mm
- Bucket cylinder: 7120 mm x Ø90 mm x 1020 mm

**SWING SYSTEM**

- Swing motor type: Swash plate piston motor
- Parking brake: Pressure release
- Swing circuit: Lubricated double-disc
- Swing speed: 176 mm
- Tail swing radius: 3086 mm

**REFILLING CAPACITIES & LUBRICATIONS**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Fuel tank (L)</th>
<th>Hydraulic oil tank (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25</td>
<td>360</td>
</tr>
</tbody>
</table>

**BUCKET**

| Bucket capacity | 6659 |
| Bucket width | 1259 mm |
| Ground pressure | 48.3 kPa |

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

- The SE270 ramps up the power in our mid-range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui’s body design makes maintenance convenient with easy access points.
- The SE270 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diﬀerence, swing priority and ﬂux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousins, the SE270 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating ﬂexibility.
- Using best design practices, we apply a three-dimensional and ﬁnite analysis to the working device, the frame and undercarriage to ensure sure higher standards of performance and reliability.
- Finally, the SE270’s unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.

Technical specifications:

- **Model**: SE270
- **Rated power (kW/rev)**: 133/1000
- **Engine**: Cummins 6L9.3-C
- **Type**: 6-cylinder inline
- **Quantity of cylinders**: 6
- **Bore/stroke (mm)**: 102 x 120
- **Displacement (L)**: 5.9
- **Cooling**: Water-cooled
- **Air Filter**: Dry air filter
- **Fuel tank (L)**: 420
- **Throttle control**: Manual/electronic-controlled
- **Operating weight (kg)**: 27200
- **Bucket width (mm)**: 1450
- **Bucket capacity (m³)**: 1.3

Component specifications:

**TRAVEL SYSTEM**
- Travel motor: Variable axial piston motor
- Travel brakes: Lubricated double-disc
- Pump type: Variable double-piston pump
- Maximum discharge flow: 250 L/min
- Maximum discharge pressure: 31.5 MPa
- Travel circuit: 31.5 MPa
- Swing circuit: 25 MPa
- Control circuit: 3.5 MPa
- Pilot control pump: Beal pump
- Main control valves: Negativa flow control system
- Clutching: Air-cooled

**HYDRAULIC SYSTEM**
- Pump type: Imported
- Maximum discharge flow: 250 L/min
- Maximum discharge pressure: 31.5 MPa
- Travel brake: Pressure release
- Travel circuit: 31.5 MPa
- Swing circuit: 25 MPa
- Control circuit: 3.5 MPa
- Pilot control: Beal pump
- Main control valves: Negativa flow control system
- Clutching: Air-cooled

**CABIN & CONTROLS**
- Cabin: Now ergonomic cab design strengthens the structure of the entire stamped metal-steel framework.
- Controls: Two joystick: digging & swinging
- Controls: Two joystick: lifting & rotating
- Controls: Two joystick: lifting & rotating
- Controls: Manual/electronic-controlled throttle: functions of two joystick: digging & swinging

**BOOM, ARM & BUCKET**
- Bucket cylinder: Ø140 mm x Ø95 mm x 970 mm
- Arm cylinder: Ø150 mm x Ø105 mm x 970 mm
- Bucket cylinder: Ø140 mm x Ø95 mm x 750 mm

**SWING SYSTEM**
- Swing motor type: Swash plate piston motor
- Brake type: Pressure release
- Swing speed: 15 rpm
- Tail swing radius: 2000 mm

**REFFILLING CAPACITIES & LUBRICATIONS**
- Fuel tank: 360 L
- Cooling system: Water-cooled
- Engine oil: 30 L
- Travel reduction gear: 2 x 1.3
- Swing reduction gear: 4.4
- Hydraulic oil tank: 250 L

**BUCKET**
- Bucket capacity: 25 L
- Number of bucket teeth: 5
- Bucket width: 495 mm

**Technical data**

- **Max. digging height (mm)**: 10004
- **Ground contact length (Transportation) (mm)**: 5377
- **Max. digging depth (mm)**: 6485
- **Max. vertical digging depth (mm)**: 5850
- **Max. digging depth at 2440 mm (level bottom)**: 6301
- **Max. digging radius (mm)**: 10166
- **Max. digging radius at ground level (mm)**: 9880
- **Min. swing radius of work equipment (mm)**: 3373

**OVERALL DIMENSIONS**

- **A** Overall length (mm): 9914
- **B** Ground contact length (Transportation) (mm): 5377
- **C** Overall height (to top of boom) (mm): 3254
- **D** Overall width (mm): 3200
- **E** Max. digging depth (mm): 6485
- **F** Max. digging radius (mm): 10166
- **G** Ground pressure (mm): 52.7 kPa

**EXCAVATOR SERIES**

**SE270**

**Product features:**

- The SE270 ramp up the power in our mid-range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui’s body design makes maintenance convenient with easy access points.
- The SE270 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diﬀerence, swing priority and ﬂux regeneration.
- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousins, the SE270 includes many built-in extras such as data transmission, long-distance diagnosis, and more.
- The new fully protective cabin is virtually punch-proof for greater operator safety.
- The wider and longer undercarriage noticeably improves digging stability and operating ﬂexibility.
- Using best design practices, we apply a three-dimensional and ﬁnite analysis to the working device, the frame and undercarriage to ensure sure higher standards of performance and reliability.
- Finally, the SE270’s unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.

**Technical specifications:**

- **Model**: SE270
- **Rated power (kW/rev)**: 133/1000
- **Engine**: Cummins 6L9.3-C
- **Type**: 6-cylinder inline
- **Quantity of cylinders**: 6
- **Bore/stroke (mm)**: 102 x 120
- **Displacement (L)**: 5.9
- **Cooling**: Water-cooled
- **Air Filter**: Dry air filter
- **Fuel tank (L)**: 420
- **Throttle control**: Manual/electronic-controlled
- **Operating weight (kg)**: 27200
- **Bucket width (mm)**: 1450
- **Bucket capacity (m³)**: 1.3

**Component specifications:**

**TRAVEL SYSTEM**
- Travel motor: Variable axial piston motor
- Travel brakes: Lubricated double-disc
- Pump type: Variable double-piston pump
- Maximum discharge flow: 250 L/min
- Maximum discharge pressure: 31.5 MPa
- Travel circuit: 31.5 MPa
- Swing circuit: 25 MPa
- Control circuit: 3.5 MPa
- Pilot control: Beal pump
- Main control valves: Negativa flow control system
- Clutching: Air-cooled

**HYDRAULIC SYSTEM**
- Pump type: Imported
- Maximum discharge flow: 250 L/min
- Maximum discharge pressure: 31.5 MPa
- Travel brake: Pressure release
- Travel circuit: 31.5 MPa
- Swing circuit: 25 MPa
- Control circuit: 3.5 MPa
- Pilot control: Beal pump
- Main control valves: Negativa flow control system
- Clutching: Air-cooled

**CABIN & CONTROLS**
- Cabin: Now ergonomic cab design strengthens the structure of the entire stamped metal-steel framework.
- Controls: Two joystick: digging & swinging
- Controls: Two joystick: lifting & rotating
- Controls: Two joystick: lifting & rotating
- Controls: Manual/electronic-controlled throttle: functions of two joystick: digging & swinging

**BOOM, ARM & BUCKET**
- Bucket cylinder: Ø140 mm x Ø95 mm x 970 mm
- Arm cylinder: Ø150 mm x Ø105 mm x 970 mm
- Bucket cylinder: Ø140 mm x Ø95 mm x 750 mm

**SWING SYSTEM**
- Swing motor type: Swash plate piston motor
- Brake type: Pressure release
- Swing speed: 15 rpm
- Tail swing radius: 2000 mm

**REFFILLING CAPACITIES & LUBRICATIONS**
- Fuel tank: 360 L
- Cooling system: Water-cooled
- Engine oil: 30 L
- Travel reduction gear: 2 x 1.3
- Swing reduction gear: 4.4
- Hydraulic oil tank: 250 L

**BUCKET**
- Bucket capacity: 25 L
- Number of bucket teeth: 5
- Bucket width: 495 mm

**Technical data**

- **A** Overall length (mm): 9914
- **B** Ground contact length (Transportation) (mm): 5377
- **C** Overall height (to top of boom) (mm): 3254
- **D** Overall width (mm): 3200
- **E** Max. digging depth (mm): 6485
- **F** Max. digging radius (mm): 10166
- **G** Ground pressure (mm): 52.7 kPa
**Product features:**

- The SE330 ramps up the power to our large-range of excavators. It offers an imported CUMMINS engine that provides a reliable and powerful plant. Shantui's body design makes maintenance convenient with easy access points.

- The SE330 model features imported hydraulic parts, negative flow and electronic controls. It is a high-efficiency machine due to its state-of-the-art functions of boom confluence and diffusence, swing priority and flux regeneration.

- It is equipped with a 3rd-generation electrical control system and GPS. Like its smaller cousins, the SE330 includes many built-in extras such as data transmission, long-distance diagnosis, and more.

- The new fully protective cabin is virtually punch-proof for greater operator safety.

- The wider and longer undercarriage noticeably improves digging stability and operating flexibility.

- Using best design practices, we apply a three-dimensional and finite analysis to the working device, the frame and under carriage to ensure sure higher standards of performance and reliability.

- Finally, the SE330’s unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.

**Technical specifications:**

- **Model**: SE330
- **Rated power (kW/rev)**: 186/2200
- **Engine**: Cummins 6C8.3
- **Type**: 6-cylinder inline
- **Quantity of cylinders**: 6
- **Bore/stroke**: 114 x 134.9
- **Displacement (L)**: 8.3
- **Cooling**: Water-cooled
- **Air Filter**: Dry air filter
- **Fuel tank (L)**: 600
- **Throttle control**: Manual/electric-controlled
- **Operating weight (kg)**: 23000
- **Bucket width (mm)**: 1272
- **Bucket capacity (m³)**: 1.4

**Component specifications:**

**TRAVEL SYSTEM**

- **Travel motor**: Variable axial piston motor
- **Travel brakes**: Lubricated double-disc
- **Travel shoes**: 2 x 48
- **Travel speed**: 2.45-5.84 km/h
- **Crawler pulling force**: 264 kN
- **Gravitationally**: 70% (15°)
- **Ground clearance**: 502 mm

**HIGHYDRAULIC SYSTEM**

- **Pump**: Variable double-piston pump
- **Maximum discharge flow**: 7 x 250 L/min
- **Maximum discharge pressure**: 31.9 MPa
- **Travel circuit**: 31.9 MPa
- **Swing circuit**: 27.5 MPa
- **Control circuit**: 33 MPa
- **Pilot control pump**: Gear pump
- **Main control valves**: Negative flow control system
- **Oil cooler**: Air-cooled

**CABIN & CONTROLS**

- **Cabin**: New extra-large cab, spacious and bright, comfortable seat with broad vision, strong impact resistance, vibration dampening pads & vibration absorption
- **Control circuit**: Two joysticks, two foot pedals, manual/electric-controlled throttle, functions of two joysticks: digging & swinging

**OVERALL DIMENSIONS**

- **BOOM, ARM & BUCKET**
  - **Base cylinder**: O140 mm x O110 mm x 1400 mm
  - **Arm cylinder**: O160 mm x O110 mm x 1625 mm
  - **Bucket cylinder**: O140 mm x O100 mm x 1250 mm

- **SWING SYSTEM**
  - **Swing motor type**: Swash plate piston motor
  - **Brakes**: Lubricated double-disc
  - **Swing speed**: 15 rpm
  - **Tilt swing radius**: 3438 mm

- **REFILLING CAPACITIES & LUBRICATIONS**
  - **Fuel tank**: 1000 L
  - **Cooling system**: 26 L
  - **Engine oil**: 5.9 L
  - **Swing reduction gear**: 2 x 8.5 L
  - **Swing reduction gear**: 5.9 L
  - **Hydraulic oil tank**: Tank oil level (375 L)
  - **(Hydraulic system)**: 500 L

- **BUCKET**
  - **Use**: Backhoe bucket
  - **Bucket capacity**: 5
  - **Bucket width**: 1.4 m
  - **Ground pressure**: 52.5 kPa

**Technical data:**

- **Engine data**
  - **Rated power**: 186/2200 kW/rev
  - **Rated torque**: 485 Nm/1400 rev

- **Transmission**
  - **Max. transmission ratio**: 3.83
  - **Max. transmission speed**: 600 rpm

- **Power transmission**
  - **Max. travel speed**: 0.8 km/h
  - **Max. swing speed**: 3.4 km/h

- **Braking system**
  - **Max. braking force**: 264 kN
  - **Max. braking force with handbrake**: 264 kN

- **Working modes**
  - **Max. digging depth**: 7.3 m
  - **Max. digging width**: 7.8 m

- **Safety features**
  - **Max. braking force**: 264 kN
  - **Max. braking force with handbrake**: 264 kN

- **Technical data**
  - **Max. digging depth**: 7.3 m
  - **Max. digging width**: 7.8 m
  - **Max. braking force**: 264 kN
  - **Max. braking force with handbrake**: 264 kN

**Specifications are subject to change without notice. The pictures may include options. The actual color and appearance of the product may differ from what is shown.**
Component specifications:

**TRAVEL SYSTEM**
- Travel motor: Variable axial piston motor
- Travel brakes: Lubricated double-disc
- Parking brakes: Pressure release
- Travel shoes: 2 x 10
- Travel speed: 2.84–5.64 km/h
- Drawbar pulling force: 284 kN
- Gradability: 76%, 15,7
- Ground clearance: 585 mm

**HYDRAULIC SYSTEM**
- Pump: Imported
- Type: Variable double piston pump
- Maximum discharge flow: 17 ± 1 L/min
- Maximum discharge pressure: 31.5 MPa
- Boom, arm and bucket: 31.5 MPa
- Travel circuit: 27.5 MPa
- Swing circuit: 39 MPa
- Control circuit: Pressure relief valve
- Main control valves: Cavitating flow control system
- Oil cooler: Air-cooled

**CABIN & CONTROLS**
- Cabin: New extra-large cab, spacious and bright, comfortable seat with broad vision, strong impact resistance, vibration dampening pads & vibration absorption
- Manual/electronic-controlled throttle: Two joysticks, two foot pedals, multifunctional monitor, four working modes, and two joysticks: digging & swinging

**BOOM, ARM & BUCKET**
- Boom cylinder: Ø140 mm x Ø110 mm x 1480 mm
- Arm cylinder: Ø150 mm x Ø110 mm x 1420 mm
- Bucket cylinder: Ø170 mm x Ø130 mm x 1260 mm

**SWING SYSTEM**
- Swing motor type: Swash plate piston motor
- Brake: Pressure release
- Parking brakes: Lubricated double-disc
- Swing speed: 15 rpm
- Tilt swing radius: 2430 mm

**REFILLING CAPACITIES & LUBRICATIONS**
- Fuel tank: 100 L
- Cooling system: Water-cooled
- Engine oil: 28 L
- Travel reduction gear: 2 x 15.5 L
- Swing reduction gear: 29.5 L
- Hydraulic oil tank: Tank oil level 375 L
- Hydraulic system: 580 L

**BUCKET**
- Use: Backhoe bucket
- Bucket capacity: 16.5 m³
- Number of bucket teeth: 5
- Bucket width: 1956 mm
- Ground pressure: 66.2 kPa

**OVERALL DIMENSIONS**

<table>
<thead>
<tr>
<th>Item Type</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Overall length (mm)</td>
</tr>
<tr>
<td>B</td>
<td>Ground contact length (Transportation) (mm)</td>
</tr>
<tr>
<td>C</td>
<td>Overall height (to top of boom) (mm)</td>
</tr>
<tr>
<td>D</td>
<td>Overall width (mm)</td>
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<tr>
<td>E</td>
<td>Overall height (to top of cab) (mm)</td>
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<tr>
<td>F</td>
<td>Counterweight ground clearance (mm)</td>
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<tr>
<td>G</td>
<td>Ground clearance (mm)</td>
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<tr>
<td>H</td>
<td>Tail swing radius (mm)</td>
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<tr>
<td>I</td>
<td>Track width (mm)</td>
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<tr>
<td>J</td>
<td>Track length (mm)</td>
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<tr>
<td>K</td>
<td>Track gauge (mm)</td>
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<tr>
<td>L</td>
<td>Track width (mm)</td>
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<tr>
<td>M</td>
<td>Shoe width (mm)</td>
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<tr>
<td>N</td>
<td>Bucket height (mm)</td>
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<tr>
<td>O</td>
<td>Bucket length (mm)</td>
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<tr>
<td>P</td>
<td>Distance from rear center to tail (mm)</td>
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</tbody>
</table>

**Technical specifications:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Specification</th>
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<tbody>
<tr>
<td>SE360</td>
<td>Rated power (kW/rpm)</td>
</tr>
<tr>
<td></td>
<td>Engine</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Quantity of cylinders</td>
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<tr>
<td></td>
<td>Bore/stroke</td>
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<td></td>
<td>Displacement (L)</td>
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<td>Cooling</td>
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<td>Air filter</td>
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<td>Fuel tank (L)</td>
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<td></td>
<td>Throttle control</td>
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<td></td>
<td>Operating weight (kg)</td>
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<tr>
<td></td>
<td>Bucket width (mm)</td>
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<tr>
<td></td>
<td>Bucket capacity (m³)</td>
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</tbody>
</table>

**New extra-large cab, spacious and bright, comfortable seat with broad vision, strong impact resistance, vibration dampening pads & vibration absorption.**

**The new fully protective cabin is virtually punch-proof.**

**Finally, the SE360’s unique hydraulic system ensures smooth compound movement. It also has a multifunctional monitor, four working modes, and two ways to control the throttle: by hand and electronically.**
In China, Shantui’s name is synonymous with bulldozers. In fact, we have been King of the Hill for decades, and now our dozers have cleared the way for our growth in offering a complete line of construction machinery and cement handling equipment.

While diversification and internationalization are both key strategies, our main focus remains on Shantui Value. Shantui offers a unique balance of performance and price that no one else can deliver. And, we never stray from the cultural values that have made us a Top China Brand, and one of China’s leading multinational firms. It’s the Shantui Way.

SHANTUI VALUE WORKS.