Wheel Loader Series

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The machines also have much to say about that. They are heavier, stand higher and have greater lift capacities than similar offerings of most Chinese competitors. The gearbox is typically more powerful and stable, as Shantui tends to use larger versions of gearboxes in smaller models of machines. In the SL20W, SL30W and SL60W models, Shantui offers its own version of configurations in which the torque converter and gearbox are separate, giving the wheel loader the extra benefit of having more gear speeds (four in forward, two in reverse).

In addition, Shantui provides the structural parts itself, along with the torque converter and gearbox, giving it a pricing edge over mere assemblers. The smaller models offer three different engine types, depending on user preferences (Cummins, Xichai and Weichai), while the larger models add the choice of Shangchai engines. Due to these factors and more, Shantui is able to offer a machine that packs more performance for the money.

In a market where wheel loaders tend to look the same and perform the same, one thing clearly stands out in Shantui’s favor: Superior service. And superior manufacturing and quality control learned from the many years as China’s leader in bulldozers and through its joint venture with Komatsu in making excavators in China.

The result? Not all wheel loaders are created equally.

WHEEL LOADER SERIES

Unlike its bulldozer line that has been China’s runaway market leader for decades, the wheel loader represents a relatively new product line for Shantui.

That said, however, Shantui is rapidly making headway into wheel loader markets both in China and abroad. It’s the power of the brand name combined with a superior manufacturing and quality control process that has allowed Shantui to make rapid advances in market share in the wheel loader segment.
**WHEEL LOADER SERIES**

**SL20W**

**Product features:**

- The advanced Z-type reverse tipping bucket mechanism contributes to large breakout force and high work efficiency.
- Bucket leveling function automatically reduces the operator’s work intensity.
- The running system adopts a power shifting gear box for ZL30 3 tons for bucket capacity wheel loader.
- Articulated full hydraulic steering.
- The torque converter and gear box are positioned separately, which is convenient for maintenance.
- External oil inlet and outlet filter. No need to discharge the oil and dismantle the hoses when the filter is cleaned.
- Air conditioner available.
- Various attachments are available, such as straw or wood graspers, side dump bucket and rock bucket.

**SL20W UNDERGROUND LOADER**

- Adopted with the mature technology of ZL16 and ZL20, drive axle is retropositioned to increase the capability and improve lift span.
- The canopy can be dismantled very fast and with the low cabin base and steering level which are suitable for working under narrow work environments.
- It can be adapted or configured for anti-explosion devices according to requirements from users.

**SL20W STRAW GRASPER**

- Width of device: 1830mm
- Max opening dimension: 1989mm
- Minimum closing diameter: 885mm

**SL20W UNDERGROUND LOADER WITH ANTI-EXPLOSION**

- With special electric starter system and air outlet system filtered by water, which effectively prevents explosions.
- Angle for side dumping: 46°
- Angle for withdrawing: 40°

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### Technical specifications:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SL20W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine</strong></td>
<td>Luotuo LR4108G86</td>
</tr>
<tr>
<td><strong>Rated power (kw/rpm)</strong></td>
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</tr>
<tr>
<td><strong>Displacement (L)</strong></td>
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</tr>
<tr>
<td><strong>Minimum diesel consumption (g/kw•h)</strong></td>
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<td><strong>Maximum torque (Nm)</strong></td>
<td>280</td>
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<td><strong>Operating weight (kg)</strong></td>
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<tr>
<td><strong>Dimension LxWxH (mm)</strong></td>
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<td><strong>Center distance of tires (mm)</strong></td>
<td>1462</td>
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<tr>
<td><strong>Wheel base (mm)</strong></td>
<td>2270</td>
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<tr>
<td><strong>Loading capacity (t)</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Bucket capacity (m³)</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Maximum traction force (kN)</strong></td>
<td>54</td>
</tr>
<tr>
<td><strong>Maximum breakout force (kN)</strong></td>
<td>55</td>
</tr>
<tr>
<td><strong>Static tipping load (full turn) (kg)</strong></td>
<td>4000</td>
</tr>
<tr>
<td><strong>Gradeability (°)</strong></td>
<td>30</td>
</tr>
</tbody>
</table>
| **Minimum turning radius (mm)** | 4519 Outside of bucket 4518
- Outside of tire 5090 |
| **Turning angle (°)** | 35 |
| **Dumping height (mm)** | 2850 |
| **Dumping reach (mm)** | 865 |
| **Lifting time/ Lifting, dumping and lowering (S)** | 4.5/8.7 |
| **Travel speed (km/h)** | Forward 1 0–5.5 1 0–15 2 0–20 3 0–27 4 Reverse 1 0–35 Reverse 2 0–24 |

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**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.**
The SL30W, at the mid-range in size and performance, offers automatic lubrication in the bucket and arm joints. It comes with a choice of three engines: Xichai, Weichai Deutz and Dongfeng Cummins.

Product features:

- Xichai diesel engine with low fuel consumption, large torque, low noise and reliable performance.
- Power shift transmission with hydraulic steering, flexible operation and stable performance.
- Advanced Z-Type reverse tipping mechanism with large breakout force and high efficiency.
- Automatic bucket-leveling for low driver work intensity.
- Main structural parts made of quality manganese steel and reinforced boom for more reliable quality.
- Optimized transmission and hydraulic system for higher speeds and efficiency.
- Articulated frame for smaller turning radius, with front and rear wheels on same track for greater tire protection.
- Air-pushed oil disc brake system with double piping using high quality PU high pressure tubes for greater safety and reliability.
- A dust-proof design is used for the pins of the working devices to improve service life.
- A sealed glass cabin offering a wide field of vision, along with shock absorption seat for more driver safety and comfort.
- Optional equipment: Log grapple, grass grapple, coal bucket, rock bucket, high lift and breaker, and more.

**TRANSMISSION SYSTEM**

Transmission system is composed of torque converter, gear box, transmission shaft and drive axle.

**Optional engines:**

**XICHAI ENGINE**

Model: CA6DF1D-12GA2
Rated power: 92kw
Rated speed: 2200rpm
Displacement: 6.557L
Minimum diesel consumption: 220g/kw•h

**WEICHAI DEUTZ ENGINE**

Model: WP6G125E22
Rated power: 92kw
Rated speed: 2200rpm
Displacement: 6.75L
Minimum diesel consumption: 235g/kw•h

**DONGFENG CUMMINS ENGINE**

Model: 6BT5.9-C130
Rated power: 97kw
Rated speed: 2200rpm
Displacement: 5.9L
Minimum diesel consumption: 225g/kw•h

**Technical specifications:**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SL30W</th>
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<tr>
<td>Engine</td>
<td>Xichai CA6DF1D-12GA2</td>
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<tr>
<td>Rated power (kw/rpm)</td>
<td>92/2200</td>
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<td>Displacement (L)</td>
<td>6.557</td>
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<td>Minimum diesel consumption (g/kw•h)</td>
<td>220</td>
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<tr>
<td>Maximum torque (Nm)</td>
<td>520</td>
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<td>Operating weight (kg)</td>
<td>10830</td>
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<tr>
<td>Dimension LxWxH (mm)</td>
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<td>Center distance of tires (mm)</td>
<td>1856</td>
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<td>Wheel base (mm)</td>
<td>2700</td>
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<tr>
<td>Lifting capacity (S)</td>
<td>3</td>
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<tr>
<td>Bucket capacity (m³)</td>
<td>1.7</td>
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<tr>
<td>Maximum traction force (kN)</td>
<td>95</td>
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<tr>
<td>Maximum breakout force (kN)</td>
<td>98</td>
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<tr>
<td>Static tipping load (full turn) (kg)</td>
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<td>Gradability (°)</td>
<td>30</td>
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<tr>
<td>Minimum turning radius (mm)</td>
<td>Outside of bucket</td>
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<td>Turning angle (°)</td>
<td>98</td>
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<td>Damping height (mm)</td>
<td>Standard Arm / Extended</td>
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<td>Long</td>
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<td>Damping reach (mm)</td>
<td>Standard Arm / Extended</td>
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<td>Long</td>
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<tr>
<td>Lifting time/Lifting, dumping and lowering (S)</td>
<td>5.5/8.7</td>
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<tr>
<td>Travel speed (km/h)</td>
<td>Forward 1</td>
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<td>Forward 2</td>
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<td>Forward 3</td>
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<td>Forward 4</td>
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<td></td>
<td>Reverse 1</td>
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<td></td>
<td>Reverse 2</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.**
TORQUE CONVERTER
J315LD or YJ320D
The torque converter automatically adjusts the torque and transmission speeds with a stable start, average and fast acceleration, in realizing a constant transmission in a wide range.

GEAR BOX
BS428 or BYD4208
Structure type: counter shaft, constant teeth connected and hydraulic power shift gear box.
With dense structure and 4 gears forward and 2 reverse gears, with double output from front and rear.

DRIVE AXLE
Uses Feicheng drive axle or Xuzhou drive axle, which effectively enhance the torque from the engine.

OPERATION SYSTEM
Operation system is composed of the transmission operation and control device.
**WORKING HYDRAULIC SYSTEM**

- Oil tank
- Tipping cylinder
- Gear pump
- Distributing valve

**RUNNING HYDRAULIC SYSTEM**

- Filter
- Pump for running
- Oil cooler

**MOTOR BRAKE SYSTEM**

Motor brake is achieved by double channel air over oil and four-wheel caliper disc brakes. The parking brake uses mechanical belt braking or disc brake system.

**PARKING BRAKE**

Parking brake uses mechanical belt braking or disc braking.

**FRAMES**

Both the front and rear frames are welded by highly intensified manganese steel and articulated connections. Steering is smooth and flexible with the articulated point positioned in the middle of the front and rear drive axles.

**ELECTRIC SYSTEM**

The complete and combined panel uses a higher degree of integration. The main wiring hardness connectors are imported, which makes it more secure and reliable.

**WORKING DEVICE**

Working device is composed of arm, bucket, rocking arm and connection rod.

**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.**
The device can be adjusted to be moved laterally to suit different lengths of wood.

Max opening: 1472mm  
Minimum closing: 450mm  
Width: 1950mm

The dumping height for the long arm king can reach 3200mm which is the highest dumping compared to other Chinese manufacturers.

The dumping height for lengthened arm can reach 3057mm.

Multi-purpose loaders for high dumping, wood grasper, straw grasper, coal bucket, rock bucket, side dumping bucket, jackhammer, etc., are available.

The device can be adjusted to be moved laterally to suit different lengths of wood.

Max opening: 1472mm  
Minimum closing: 450mm  
Width: 1950mm

The bucket volume can reach 2.2 cubic meters, suitable for loading light materials such as coal, paper scrap, saw dust, etc.

The cabin is designed according to ergonomic theory with wide vision, excellent sealing along with good shock absorption. The operating angle could be adjusted according to different users.

- The luxuriously decorated cabin addresses operator comfort.
- The seat is shock absorbing, comfortable and secure.
- The back of the seat is adjustable.
- The air conditioner (both cold and warm) makes the work environment more comfortable.
- The radiator for the air is positioned under the seat, which makes better use of the room and the control board is positioned on the right side, which makes it easier to operate.
- Sophisticated and portable tool box makes it more convenient for maintenance.

The engine cover can be opened completely with an upward sideways turn, which makes it convenient for maintenance.

Simple Maintenance

The cabin is designed according to ergonomic theory with wide vision, excellent sealing along with good shock absorption. The operating angle could be adjusted according to different users.

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Simple Maintenance

The engine cover can be opened completely with an upward sideways turn, which makes it convenient for maintenance.
WHEEL LOADER SERIES

SL50W/SL50W-2/SL50W-3

The SL50W offers a choice of three engine types: Weichai, Shangchai and Dongfeng Cummins. This machine offers tremendous stability and has pilot controls designed for reduced work intensity, and is Shantui’s best seller.

Product features:

- Steyr engine featuring green environmental protection power, and high efficiency with low energy use, low noise and low exhaust.
- Shangchai CB121 engine with energy saving efficiency, excellent and reliable performance, low noise and low exhaust.
- Advanced Z-Type reverse tipping mechanism with large breakout force and high efficiency.
- Advanced dual pump (combined) technology to improve fuel savings and work efficiency.
- Automatic bucket-leveling for easing the labor intensity of the driver (SL50W-2 comes with PPC controls).
- Advanced frame for small turning radius for more flexibility.
- Articulated frame for small turning radius for more flexibility.
- Advanced, two sets of systems for parking and service brakes (air pushed oil disc brakes) for safer and more reliable operation.
- A dust-proof design is used for the pins of working devices to improve service life.
- A fully sealed glass cabin with a wide field of vision, combined with a good shock absorbing, super voyage grade seat to keep the driver both safe and comfortable.
- Equipped with top grade stereo sound and air-conditioning system with temperature controls based on the latest ergonomic designs.
- Optional equipment: log grapple, grass grapple, coal bucket, high lift and more.

Technical specifications:

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<thead>
<tr>
<th>MODEL</th>
<th>SL50W</th>
<th>SL50W-2</th>
<th>SL50W-3</th>
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<tr>
<td>Engine</td>
<td>Weichai WD10G220E23</td>
<td>Shangchai SG11SB220281</td>
<td>Dongfeng Cummins 6CTA8.3-C215</td>
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<td>Minimum diesel consumption (g/kw•h)</td>
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<td>202</td>
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<td>Minimum torque (N•m)</td>
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<tr>
<td>Bucket capacity (m³)</td>
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<tr>
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<td>Long 3616 3616 3616</td>
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<tr>
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<tr>
<td></td>
<td>Extended 1110 1110 1110</td>
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<td></td>
<td>Long 954 954 954</td>
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<td>0–13 at 0–8</td>
<td>0–13 at 0–8</td>
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<tr>
<td>Forward 3</td>
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<tr>
<td>Forward 4</td>
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<td>Reverse 1</td>
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<tr>
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<tr>
<td>Reverse 3</td>
<td>0–23.12</td>
<td>0–23.12</td>
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</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.
**Optional engines:**

**WEICHAI STEYR ENGINE**
Model: WD10G220GE23  
Rated power: 92kw  
Rated speed: 2000rpm  
Displacement: 9.726L  
Maximum torque: 908N•m  
Minimum diesel consumption: ≤202±5%g/kw•h

**SHANGCHAI ENGINE**
Model: SC11C82200281  
Rated power: 162kw  
Rated speed: 2200rpm  
Displacement: 10.45L  
Maximum torque: 843N•m  
Minimum diesel consumption: ≤230±5%g/kw•h

**DONGFENG CUMMINS ENGINE**
Model: 6CTA8.3-C215  
Rated power: 160kw  
Rated speed: 2200rpm  
Displacement: 8.3L  
Maximum torque: 908N•m  
Minimum diesel consumption: ≤215±5%g/kw•h

**TRANSMISSION SYSTEM**
Transmission system is composed of torque converter, gear box, transmission shaft and drive axle.

**Drive axles with high transmission ratios (Feicheng Jincheng)**
Adopted M axle for the transmission ratio of 22.847 for high transmission efficiency.

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GEAR BOX & TORQUE CONVERTER.
To date, the gear box for SL50W is a Hangchi or Shantui ZL50A planetary gear box. Hangchi WG180 electric and countershaft gear box or the Beilian ZL50 countershaft gear box and Beilian YJ315 torque converter.

OPERATION SYSTEM
Operation system is composed of the working device control system and gear shift.

HANGCHI, SHANTUI 50A GEAR BOX (OPTIONAL)
• The gear box is composed of hydraulic torque converter and power shift gear box, with simple structure, reliable work performance, easy operation and high efficiency transmission.
• Single stage, two phases, four unit components, twin turbo hydraulic torque converter can make full use of torque from the engine and increase the torque to save the whole loader stronger traction.
• Planetary and power shift.
• Two gears for forward and one gear for reverse.

HANGCHI WG180 GEAR BOX (OPTIONAL)
• This gear box is composed of a hydraulic torque converter and countershaft gear box.
• The gear pump is positioned inside the box with a dense structure.
• German ZF technology with electric hydraulic shifting and high efficiency transmission and reliable performance.
• Electric gear selector makes it easy, secure and accurate to control.
• 7 gears for 4 gears forward and 3 gears reverse suitable for a wide range of work environments.

BEILIAN 50 GEAR BOX (OPTIONAL)
• Single stage, three-component torque converter with parallel shaft gear box, offering a reliable performance.
• Separate structure of gear box and torque converter, for convenient maintenance.
• 4 gears forward and 2 reverse gears for the running gears.
• Loading gears (rear) adapt to the needs of different work conditions, especially for heavy work environments.

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The brake system is easy, secure and simple to operate.

Caliper Brake (Running)

Parking Brake

The working device is composed of arm, bucket, rocking arm and connection rod. Multi-purpose loads for high dumping, wood grasper, straw grasper, coal bucket, rock bucket, side dumping bucket, forklift, snow tilts, etc. are available.

Caliper Brake (Running)

Parking Brake

Reinforced bucket design with complete quenching shovel blade and high anti-friction, corner bucket teeth for higher intensity durability.

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CABIN
Cabin designed for wide vision and accessibility from both sides. The strong structure endures large loading to ensure safe operation. The glass of cabin is available with steel glass for different colors of green, dark brown to repel ultraviolet rays.

- Complete and fully sealed panel with nice appearance and reliable performance, adjustable for different operators.
- Air conditioner for warm and cold. Warm is standard configuration; Optional configuration for warm and cold.
- Luxurious decoration with Grammer suspended chair, personal storage compartment, sun shade, cup holder, lighter, hanger etc.

OPTIONS
- Side dumping bucket with a 53° dumping angle and dumping height of 3865mm
- Bucket capacity: 3m³
- Bucket capacity: 4m³
- Height: 1150mm
- Width: 3100mm
- Tilting angle: 25°
- SNOW BLADE
  - Height: 1150mm
  - Width of device: 2322mm
  - Tilting angle: 25°
- WOOD GRASPER
  - Width of device: 2350mm
  - Max opening: 2820mm
  - Dumping height: 2840mm
  - Bucket capacity: 5.85m³
- STRAW GRASPER
  - Width of device: 2350mm
  - Max opening: 2820mm
  - Dumping height: 2840mm
  - Bucket capacity: 5.85m³
- CARGO LIFT
  - The dumping height can reach 3540mm

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SL50WA

WHEEL LOADER SERIES

SL50WA

The SL50WA features greater mobility and turning radius thanks to a shortened wheel base. It has all the power and lifting force of its cousin. It also sports a novel fuel tank that swings out for easier filling.

SL50WA Loader is a new-generation high-efficiency and energy-saving product developed by our Company using latest technology and modern design methods. Transmission system widely used domestically, reliable hydraulic system, and reinforced frame are adopted, and more scientific adjustment has been made in the aspect of complete loader control comfort, stability, and safety.

Advanced techniques both at home and abroad are extensively applied and the product follows closely the world advanced level in the respects of excellent performance, long service life, high reliability, high efficiency, low fuel consumption, and rational economic cost.

Technical specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>SL50WA</th>
</tr>
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<tbody>
<tr>
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<td>Weichai WD10G220E23</td>
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<tr>
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<td>162/2000</td>
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<tr>
<td>Displacement (L)</td>
<td>8.726</td>
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<tr>
<td>Minimum diesel consumption (g/kw•h)</td>
<td>215</td>
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<tr>
<td>Maximum torque (kN•m)</td>
<td>900</td>
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<tr>
<td>Operating weight (kg)</td>
<td>18000</td>
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<td>Center distance of tires (mm)</td>
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</tr>
<tr>
<td>Wheel base (mm)</td>
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<tr>
<td>Loading capacity (t)</td>
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<tr>
<td>Bucket capacity (m³)</td>
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</tr>
<tr>
<td>Maximum traction force (kN)</td>
<td>160</td>
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<tr>
<td>Maximum breakout force (kN)</td>
<td>160</td>
</tr>
<tr>
<td>Static tipping load (full turn) (kg)</td>
<td>10000</td>
</tr>
<tr>
<td>Gradeability (°)</td>
<td>30</td>
</tr>
<tr>
<td>Minimum turning radius (mm)</td>
<td>6870</td>
</tr>
<tr>
<td>Turning angle (°)</td>
<td>36</td>
</tr>
<tr>
<td>Dumping height (mm)</td>
<td>1417</td>
</tr>
<tr>
<td>Dumping reach (mm)</td>
<td>1100</td>
</tr>
<tr>
<td>Lifting time/ Lifting, dumping and lowering (S)</td>
<td>5.7/10.2</td>
</tr>
<tr>
<td>Travel speed (km/h)</td>
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</tr>
<tr>
<td>Forward 1</td>
<td>0–13</td>
</tr>
<tr>
<td>Forward 2</td>
<td>0–38</td>
</tr>
<tr>
<td>Reverse 1</td>
<td>0–17</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.
HYDRAULIC SYSTEM

- Uses popular single pump, single supply line technology, characterized by reliable quality, low failure rate, and high operating efficiency.
- “Cone-O” double seal of German DIN standard is applied to the pipeline of hydraulic system for the complete loader, featuring a good sealing property and strong anti-seepage performance.
- Special oil suction pipe for oil pump is used to avoid ablation of oil pump arising from exhaustion, to extend service life of oil pump, and to lower service cost.
- Full hydraulic coaxial flow amplifying and articulated steering system is adopted, typical of a flexible steering performance.

TRANSMISSION SYSTEM

Weichai 2G Blue Power engine is used, with emissions reaching Tier II standards. Engine failure rate is thus reduced by more than 30 percent, while the engine utilization rate is greatly increased. Its minimum fuel consumption rate and the friction ratio of the loader under common-use conditions have been improved, adding up to unit fuel consumption savings of more than 10%.

STRUCTURAL PARTS

- Reinforced front and rear frames of optimized design are more stable and durable.
- An outstanding concurrent consideration has been given to site adaptability and operating stability with moderate 2920mm wheelbase.
- Swinging, rotary fuel tank allows for easy access to mechanisms inside the frame for trouble-free maintenance.

CAB & ENGINE HOOD

- Luxurious cab interior trim fully upgraded with ergonomically designed control devices for greater operator comfort.
- Damping connection is applied to cab and frame, to reduce vibration and bump, and full consideration has been given to acoustic insulation, and sealing, to minimize the harm of noise and dust to driver.
- Comfortable top-grade shock absorbing seat of reliable quality is used, in compliance with safety standard and ergonomic engineering principle, which has improved comfort.
- Both sides of engine hood and rear cover may be turned upwards and opened, for easier maintenance, examination, and repair.

Time to haul.

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WHEEL LOADER SERIES

SL60W/ SL60W-2

The best feature of the SL60W, other than its sheer size, is its tubeless tires that offer deeper treads for greater traction. It offers all the advantages of the 50W Series but with upgraded performance, strength and efficiency.

Product features:

- Weichai diesel engine with low fuel consumption, large torque, low noise and reliable performance.
- Advanced Z-Type reverse tipping mechanism with large breakout force and high efficiency.
- Advanced dual pump (combined) technology to improve fuel savings and work efficiency.
- Automatic bucket-leveling for easing the labor intensity of the driver (SL50W-2 comes with PPC controls).
- Main structural parts made of quality manganese steel for long-lasting and durable service life.
- Heavier and longer wheelbase for better work stability.
- Planetary power shift transmission and coaxial flow amplification type hydraulic steering system with easy and flexible operation and energy saving efficiency.
- Articulated frame for small turning radius for more flexibility.
- Advanced, two sets of systems for parking and service brakes (air pushed oil disc brakes) for safer and more reliable operation. Uses high pressure PU tubes.
- A dust-proof design is used for the pins of working devices to improve service life.
- A full metal cab configuration, with a fully sealed glass cabin featuring a wide field of vision, combined with a good shock absorbing, adjustable seat. Also includes fire extinguisher, air-conditioner and rearview mirror.
- Equipped with top grade stereo sound and air-conditioning system with temperature controls based on the latest ergonomic designs.
- Corner light, charging indicator light, oil indicator light, water temperature indicator light, air pressure light, alarm indicators and rear lights all prominently visible for driver safety.
- Optional equipment: log grapple, grass grapple, coal bucket, high lift and more.

Technical specifications:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SL60W</th>
<th>SL60W-2</th>
</tr>
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<tbody>
<tr>
<td>Engine</td>
<td>Weichai WD10G240E21</td>
<td>Shanghai SC11G24010281</td>
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<tr>
<td>Rated power (kw/rpm)</td>
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<td>175/2200</td>
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<tr>
<td>Displacement (L)</td>
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<td>Minimum diesel consumption (g/kw•h)</td>
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<td>Maximum torque (N•m)</td>
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<td>Operating weight (kg)</td>
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<td>Dimension LxWxH (mm)</td>
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<td>Center distance of tires (mm)</td>
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<tr>
<td>Wheel base (mm)</td>
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<td>3400</td>
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<td>Loading capacity (t)</td>
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<tr>
<td>Bucket capacity (m³)</td>
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<td>Maximum traction force (kN)</td>
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<td>Maximum breakout force (kN)</td>
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<td>Gradability (*)</td>
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<td>Minimum turning radius (mm)</td>
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<td>Outside of tire</td>
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<td>Turning angle (*)</td>
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<td>Dumping height (mm)</td>
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<td>Lifting time/Dumping and lowering (S)</td>
<td>Forward 1</td>
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<tr>
<td></td>
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<td>Forward 3</td>
<td>0–24</td>
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<td>Forward 4</td>
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<tr>
<td></td>
<td>Reverse 1</td>
<td>0–8</td>
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<td></td>
<td>Reverse 2</td>
<td>0–24</td>
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</tbody>
</table>

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Optional engines:

WEICHAI ENGINE
Model: WD10G240E21

SHANGCHAI ENGINE
Model: SC11CB240.1G2B1
Torque converter: Beilian YJ375
Gear Box: Beilian ZL60 countershaft
Rated power: 175kW
Rated speed: 2200 rpm

DRIVE AXLE
SL60W-2 uses oscillating drive axles from French SOMA technology brought in by Xuzhou Meritor drive axles, manufactured by seamless steel tubes and solid forging with strong bearing and reliable performance. The front axle is firm while the rear axle oscillates.

PILOT CONTROL FOR THE WORKING DEVICES
Pilot Hydraulic control is adopted for the working devices with a choice of single handle and double handle controls. The control handle makes operation easy, effective, flexible and with better micro-motion performance, greatly reducing the operator’s work intensity.

OPTIONS
Multiple attachments are available to meet the needs of different work environments.

WOOD GRASPER
Bucket capacity: 3.5m³
Width of device: 2332mm
Maximum opening: 2089mm
Minimum closing: 505mm

COAL BUCKET
Bucket capacity: 5.5m³

ROCK BUCKET
Bucket capacity: 3.5m³

TIRES
SL60W adopts the specifications of 26.5-25 tubeless tire.
With extended life span and tire explosion prevention, durable friction, low heat and wide tire face for good stability and traction, suitable for heavy-duty sites.

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