

L989H

Configuration

STD Configuration

- Weichai WP12G340E311
- SDLG HTE220B
- Wet axle
- Pilot control ,single lever
- STD boom | Extended boom
- 2-spool valve
- Single braking padel
- Tire:29.5-25-28PRTL-L3
- Normal cab
- Air conditioner
- Rotating beacon
- Rear-view monitor system
- STD bucket 4.5m³

Options

- STD bucket 4.2m³/4.5m³/5.0m³
- Enlarged bucket 5.0m³/5.5m³/6.0m³/6.5m³/7.0m³
- The rearview mirror on the lamp bracket
- Tbox (for Saudi Arabic,UAE,Pakistan,Turkey)



Reliability In Action

L989H
Wheel Loader

Operating weight: 27370/27500 kg
Bucket capacity: 4.5 m³
Engine power: 250 kW



High-end and
high efficiency

Reliability

Comfort and
convenience



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L989H

High-end and high efficiency

- > Weichai WP12 Stage III engine with a power of 250KW, low rotation speed and excellent power performance. Equipped with electronic control, intercooling and E-ECU intelligent control, it enables precise control of fuel injection quantity and timing, resulting in high combustion efficiency.
- > Independent cooling system, which automatically adjusts the fan speed according to the water temperature and intercooling temperature, achieving energy saving and noise reduction. The cooling system has excellent performance and meets the requirements of high-intensity heavy-load working conditions.



- > Reasonable power matching, large lifting force and high operating efficiency.
- > Long wheelbase ensures good operating stability and meets the needs of heavy-load working conditions.



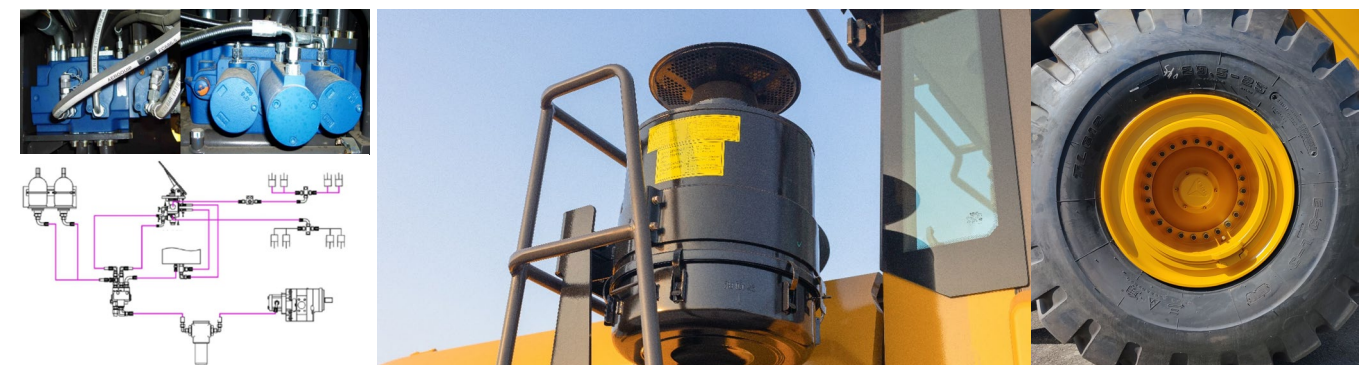
Reliability

L989H

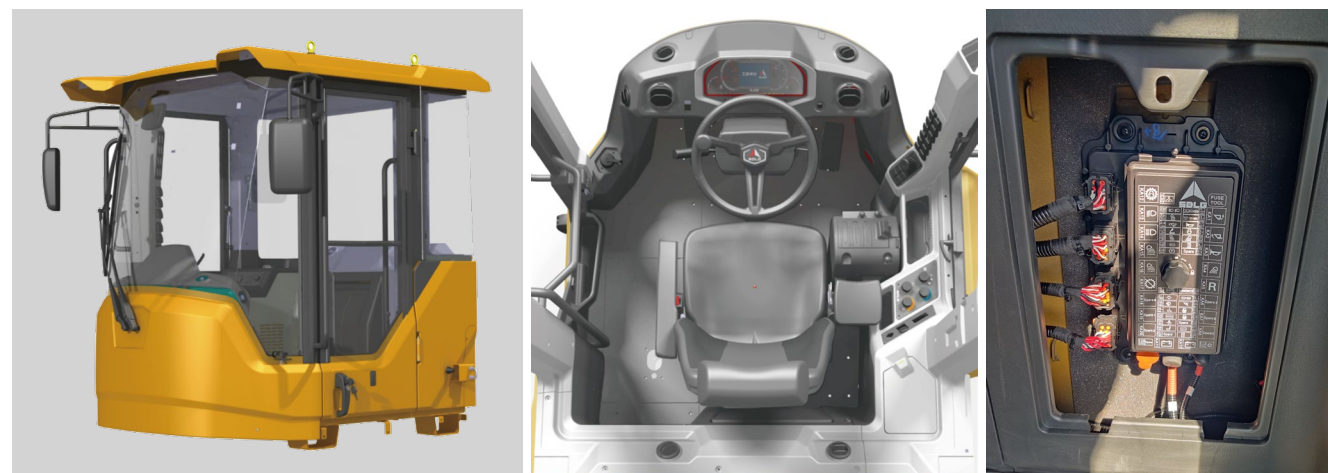
- > Box-type frame: reasonable load distribution, strong bearing capacity, high reliability, and service life exceeding 10,000 hours. The main articulation adopts double-row tapered roller bearings, featuring high reliability.
- > High-end fixed-shaft electro-hydraulic shift gearbox with long service life, reliable and durable. Full-hydraulic wet brake axle with strong bearing capacity; equipped with active axle cooling function to ensure the oil temperature of the drive axle is within the allowable range. This greatly extends the service life and oil change interval of the drive axle, with high reliability.



- > Adopting high-end hydraulic components in the industry and a load-sensing hydraulic system, it features easy operation and reliable performance.
- > Standard configuration includes full-hydraulic wet brake with dual-circuit system, oil-bath air filter, and high-grade mine-specific tires, ensuring high reliability and meeting the requirements of heavy-load working conditions.



- > The newly designed H-series cab features a brand-new exterior. The sealing performance, shock absorption, and noise reduction effects have been further improved, offering a high level of comfort.
- > The H-series comes with a new interior design. The LCD dashboard and rocker switches are arranged on the column, making the operation convenient.
- > The storage space has been enlarged, and a mobile phone holder has been added.
- > A storage box with both heating and cooling functions has been added, making it more user-friendly.
- > Electrical components such as fuses and relays of the whole machine are centrally arranged at the left rear of the cab. They can be replaced by opening the cover, making maintenance and inspection very convenient.



- > Engine fuel filter, air filter, and oil-water separator are centrally arranged. Maintenance can be performed easily by opening the engine hood.
- > The single-layer cooling system is rotatable for easy cleaning. When the cooling system is rotated, the fuel filler is exposed for convenient refueling.



World-class research and development system



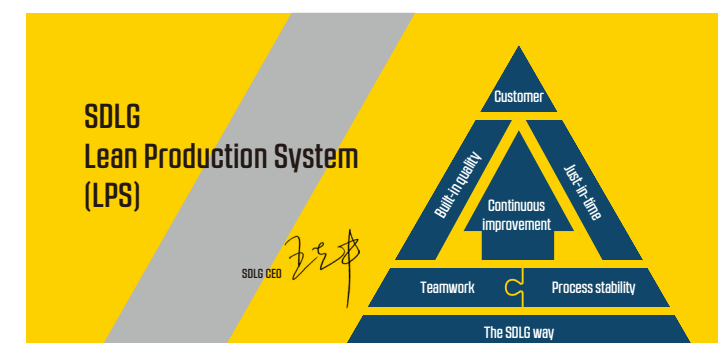
SDLG possesses a world-class technical center and testing laboratory. Its cutting-edge R&D center integrates a 3D design system, Computer Aided Engineering (CAE) analysis, and Product Lifecycle Management (PLM).

Customer-oriented global development process (GDP)

SDLG sticks to the guideline of "R&D MUST be market-oriented and MUST align with practical operations". Based on customer needs, SDLG maximizes customer values by advanced GDP, teamwork, in-depth core technical research and lean R&D.

Advanced quality management

SDLG has an ISO 9001 quality management system in place to continually monitor and manage quality across all its operations. As the world's most widely recognized quality management standard, ISO 9001 outlines how to achieve and benchmark consistent performance and service. As a result, SDLG has set a quality target of reducing warranty-period failures. The quality management system has also allowed SDLG to develop its own production philosophy known as the Lingong Production System, which incorporates lean manufacturing techniques. It also oversees the company's supply chain improvements and incorporates Six-Sigma quality improvement.



L989H

Top Service



EXPERT



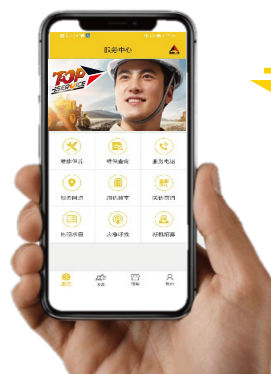
FAST



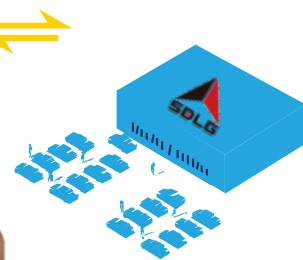
CARE

SDLG dedicated to provide excellent service experience

Customer Enquiry



Service Station



SDLG System Support

L@M
Parts Catalog & shopping trolley ,
Technical Files and TSB, PMIOLDP
Warranty Information
feedback and Spare parts sale3D
Training System ,Structure
and working principle animation

Fast Service



Customer Call



Field service work order



Technician Arrived site



Calling for Feedback



Customer Verify



Field Service



Uncomplete order follow-up



PMM

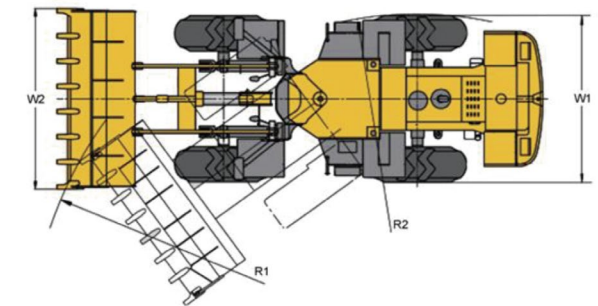
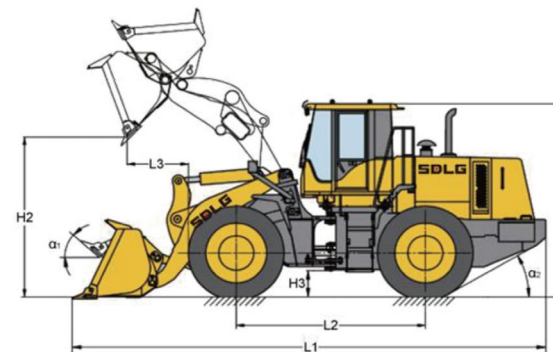


Complaint Management

Standardized Service Process

Main specifications

L989H



Item	STD Boom	Extension Boom
Overall parameter		
Operating weight (kg)	27370	27500
Rated load (kg)	8800	8000
Bucket capacity (m³)	4.5	
Max. tractive force (kN)	225	220
Max. breakout force (kN)	≥240	≥230
Engine		
Engine power(kw)	250	
Rated speed(r/min)	2100	
Emission standard	GB 20891-2014(stage III)	
Transmission system		
Transmission type	Fixed-shaft Electro-Hydraulic Shifting	
Gears	F4R4	
Forward speed (km/h)	13/38	
Reverse speed (km/h)	17	
Hydraulic system of working device		
Working device hydraulic system pressure(MPa)	28	
Total cycle time (bucket lift & dump & fall)(s)	≤11.3	

Item	STD Boom	Extansion Boom
Steering system		
Steering system pressure (Mpa)	21	
Service capacities		
Fuel (L)	380	
Hydraulic oil (L)	365	
Engine oil (L)	24	
Transmission oil (L)	55	
Axle (front/rear) (L)	46+59	
Antifreeze coolant(L)	55	
Overall dimension		
L1xW1xH1 (mm)	9110×3170×3725	9400×3170×3725
Wheel base(L2) (mm)	3550	
Min. ground clearance(H3) (mm)	566	
Max. dumping height(H2) (mm)	3300	3650
Maximum height of bucket hinge point (mm)	4440	4795
Dumping distance(L3) (mm)	1405	1390
Bucket width(W2)(mm)	3490	
Horizontal crossing radius(R1) (mm)	7540	7660
Min.turning radius(R2) (mm)	6390	

* SDLG constantly improves its products, and the configuration parameters will be continuously updated. We reserve the right to change the design and parameters without prior notice to users. The product configuration and appearance are subject to the physical object.