L956HE

Configuration

STD Configuration	Options
Weichai WD10G220E23	STD bucket 2.8m³ | 3.0m³
SDLG TP170A transmission	Enlarged bucket 3.6m³ | 4.2m³ | 4.0m³ | 4.5m³
SDLG dry axle	Rock bucket 2.7m³ | 3.0m³
Pilot control , load sensing	Extended boom
STD Boom	Oil-bath air filter
2-spool valve	Wear-resistant plate module (3 pieces)
Single brake padel	Rearview monitor
Normal cab with air conditioner	Wheel: 23.5R25-1STTL-L-3 ; 23.5-25-20PRTL-L-3
Start interlock	Warm blower
Tachometer	Working lights (2LEDs | 4 LEDs | 6 LEDs)
Adjustable steering column	LED totating beacon
Radio	Rearview monitor
STD bucket 3.0m³	Tire protection chain 23.5-25 L3 50AF-252kg | 320kg
Tire: 23.5-25-18PR-L-3(front), 23.5-25-16PR-L-3(rear)	

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Reliability In Action

L956HE
Wheel Loader

Operating weight: 17080 kg

Bucket capacity: 3.0 m³

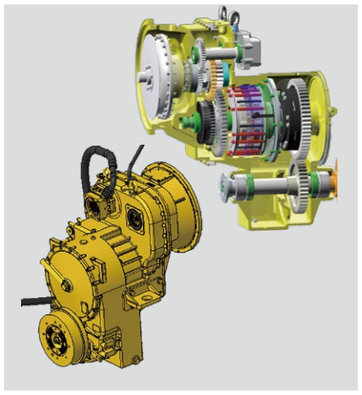
Engine power: 162 kW



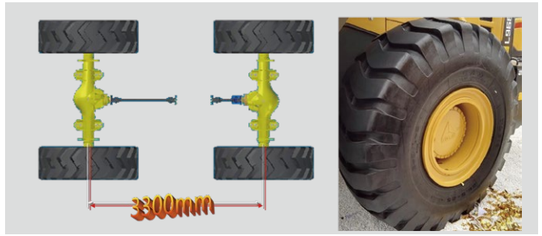
Reliability **Energy-saving** **Comfort & Convenience**

- Weichai WD10 engine, a mainstream model in the industry, features high durability and a long service life; three-stage fuel filtration, with high filtration precision, ensures the fuel system is safe and reliable.
- Lingong TP170A planetary gearbox, reliable and efficient, with a high market share; gear configuration: 2 forward gears and 1 reverse gear.

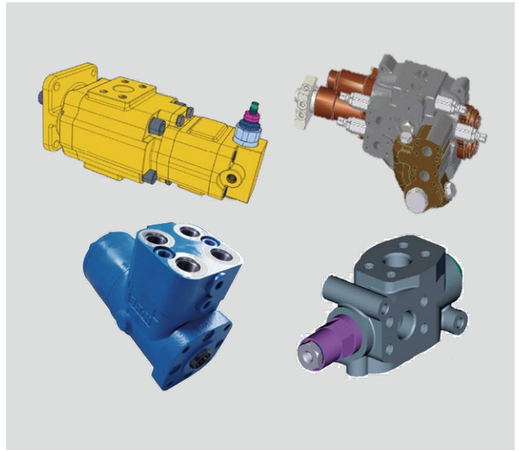




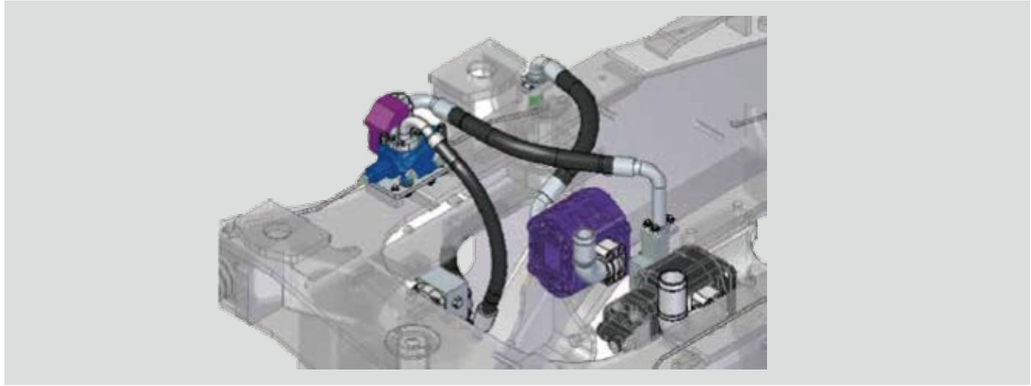
- Well-known brand hydraulic pumps and main control valves feature high reliability and excellent durability.
- Optimized bucket design: the bucket sides and bottom adopt a wear-resistant plate structure, equipped with side teeth, featuring high reliability and long service life.
- Wheelbase: 3300 mm; 23.5-25 tires as standard configuration; excellent stability and high reliability.







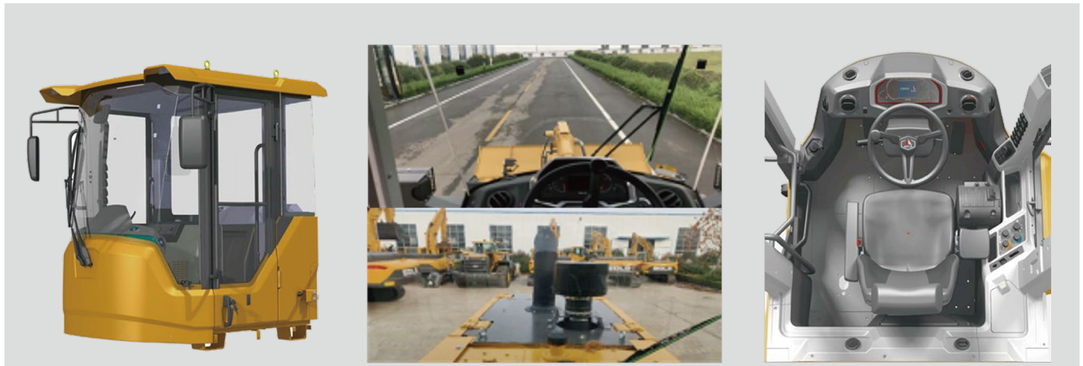
- Intelligent electromagnetic clutch fan system: Automatically adjusts the engine fan speed according to the engine water temperature, achieving energy saving and noise reduction.
- Hydraulic control system: Adopts a dual-pump confluence hydraulic system with large flow after confluence, high rated working pressure, fast lifting speed, powerful operation of the whole machine, fast response, good directionality, high efficiency and low fuel consumption.







› The newly designed H-series cab features a brand-new exterior. It has a large interior space and a good field of vision. 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.



› The storage compartment is equipped with a built-in air conditioning outlet, which can store cold drinks for cooling down or heat food and drinking water, reflecting the humanized design concept.

› The steering wheel column is adjustable forwards and backwards; the armrest features adjustable height and angle, meeting the needs of different drivers and enhancing operational comfort.

› The engine-hood with a large opening angle provides ample maintenance space; air filter, fuel filter and other components are centrally arranged for convenient maintenance.



World-class research and development system



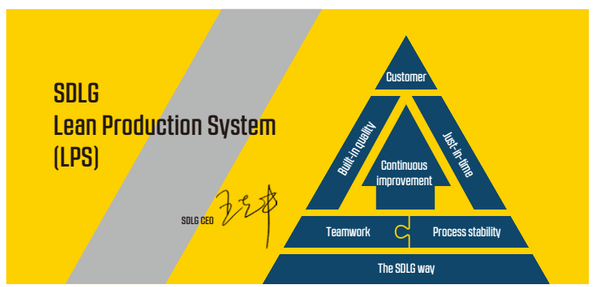
SDLG possesses a world-class technical center and testing laboratory. Its cutting-edge R&D center integrates a 3D design system, Computer Aided Engineering (CAE) analysis, and Product Lifecycle Management (PLM).

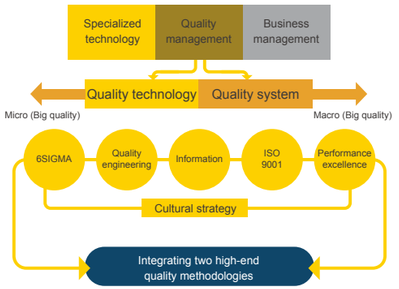
Customer-oriented global development process (GDP)

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.

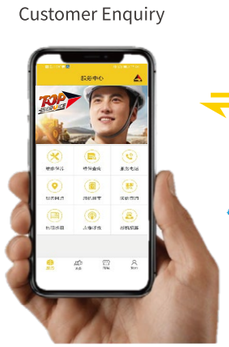


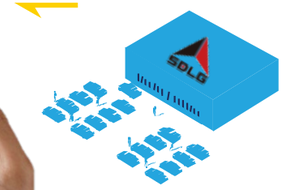


Top Service

EXPERT FAST CARE

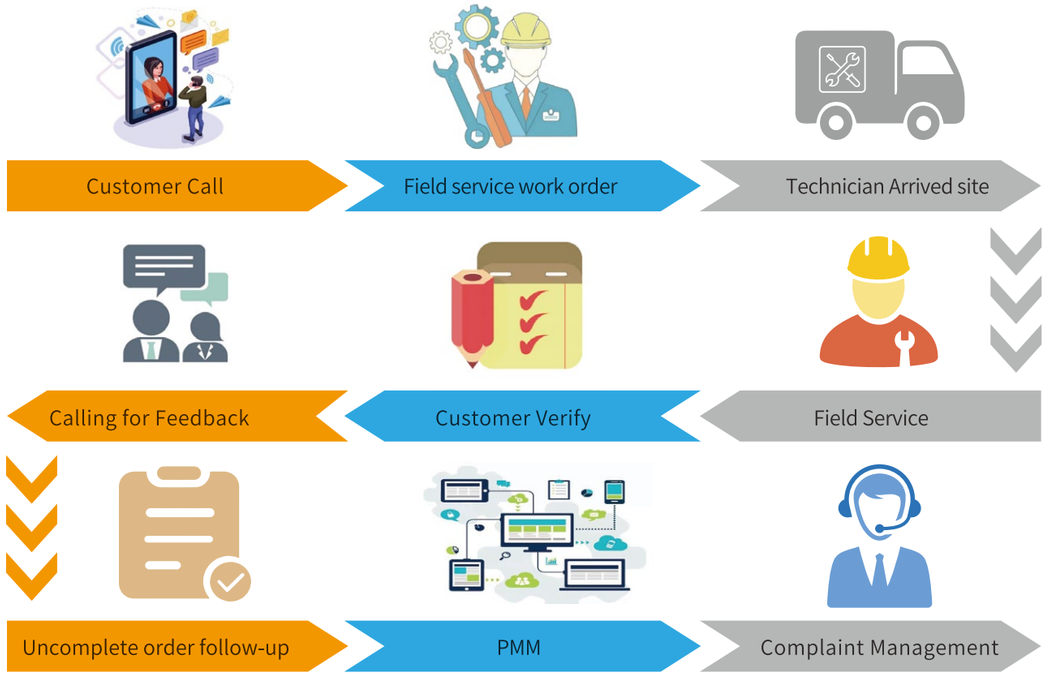
SDLG dedicated to provide excellent service experience



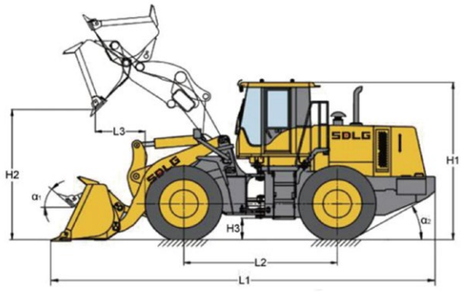


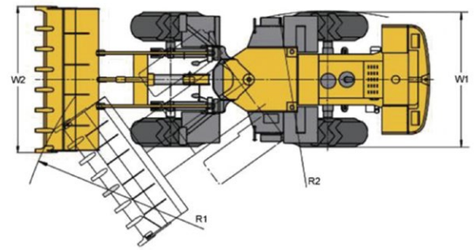
SDLG System Support
L@M Parts Catalog &shopping trolley , Technical Files and TSB, PMI
OLDP Warranty Information feedback and Spare parts sale
3D Training System ,Structure and working principle animation

Fast Service



Standardized Service Process





Overall parameter	
Operating weight (kg)	17080
Rated load (kg)	5300
Bucket capacity (m^3)	3.0(2.7 ~ 4.5)
Max. tractive force (kN)	165
Max. breakout force (kN)	≥175
Engine	
Engine power(kW)	162
Rated speed(r/min)	2000
Emission standard	GB 20891-2007(Stage II)
Transmission system	
Transmission type	Planetary Power Shift
Gears	F2R1
Forward speed (km/h)	38
Reverse speed (km/h)	17
Hydraulic system of working device	
Working device hydraulic system pressure(MPa)	19.7
Total cycle time (bucket lift & dump & fall)(s)	≤9.8
Steering system	
Steering system pressure (MPa)	

Service capacities	
Fuel (L)	280
Hydraulic oil (L)	215
Engine oil (L)	20
Transmission oil (L)	44
Axle (front/rear) (L)	Front axle 20+2×5， Rear axle 16+2×5
Antifreeze coolant(L)	45
Overall dimension	
Overall length L1 (mm)	8250
Outside width of wheel W1 (mm)	2845
Bucket width W2 (mm)	3024
Overall height H1 (mm)	3466
Wheel base L2 (mm)	3300(1650/1650)
Minimum ground clearance H3(mm)	435
Maximum unloading height H2(mm)	3100
Corresponding unloading distance L3 (mm)	1210
Horizontal clearance radius R1 (outside of bucket)(mm)	7150
Minimum turning radius R2 (outside of rear wheel)(mm)	6200
Dumping angle	-45°
Steering angle	36°

* 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.