

Reliability in Action



# L958H

## Wheel Loader

**SDLG machines** are built to be like the people that own them: hardworking, genuine and reliable. Cost effective, robust machines with fuel efficient engines that are easy to operate and easy to maintain. And when you need parts or service, you can trust your dealership to deliver on the SDLG promise: **Reliability in Action.**



Congratulations SDLG for winning  
**EFQM Global Excellence Award**  
One of the top three quality awards in the world

**Member of the VOLVO Group Since 2007**

SDLG is member of the Volvo Group and one of the largest manufacturers of construction machinery in China, with a wide network of dealerships and service workshops throughout the world.

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## Powerful and reliable

- 1 Cummins QSB6.7 engine with DOC+DPF+SCR aftertreatment. The engine has strong power, low noise and reliable performance



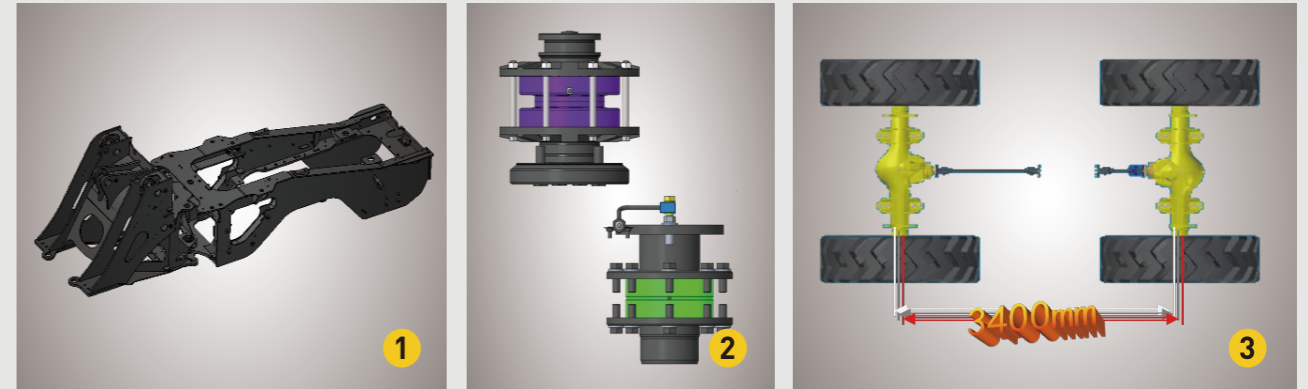
## Smooth and efficient transmission

- 1 The number of planetary wheels of the front axle's wheelside reducer is increased from 3 to 4, which has a reasonable load distribution and stronger carrying capacity
- 2 The rear axle double-swing-arm structure with high load-bearing and high reliability
- 3 VRTE205 automatic gearbox, KD function, power cut-off function, F4R4 gears, easy to control, reliable and durable



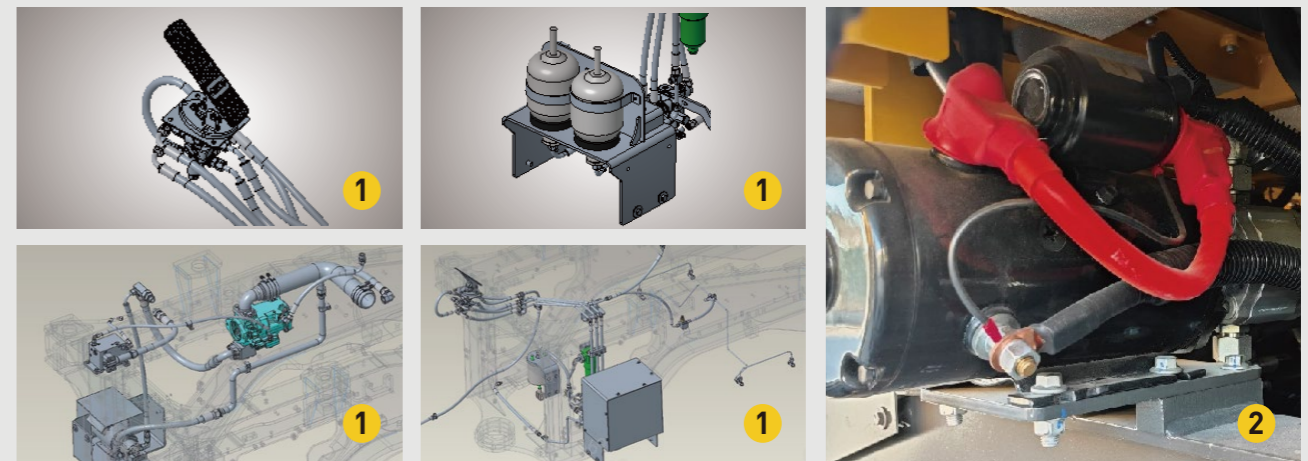
## High load and high reliability

- 1 VOLVO box-type frame with reasonable load distribution, service life up to more than 10,000h
- 2 The lower articulated bearing is upgraded from 33216 to 32316, which improves the load-bearing capacity by 58%
- 3 Rated load of 5.5T, wheelbase 3400mm, stable and comfortable operation



## Safe and reliable driving

- 1 Full hydraulic double circuit service brake, MICO brake valve and charging valve, good braking effect, high braking reliability
- 2 Independent cooling system: adopts gear pump and piston motor. The fan speed is adjustable according to the temperature, which is energy-saving and comfortable
- 3 The fan can realise the function of forward and reverse rotation, which is convenient for dust removal



## Variable hydraulic efficiency and energy saving

- 1 Single-variable combined flow hydraulic system ensures the demand of large flow rate of the hydraulic system, high operating efficiency and low fuel consumption



## Comfortable to ride and easy to operate

- 1 H series cab, spacious and wide field of view
- 2 Standard reverse camera for worry free rear view
- 3 The seat and control box are integrated and move together
- 4 Keypad + dashboard manipulation, operation is comfortable and convenient
- 5 Pilot double handle integrated control, integrated FNR, KD function
- 6 The seat and control box are integrated and move together



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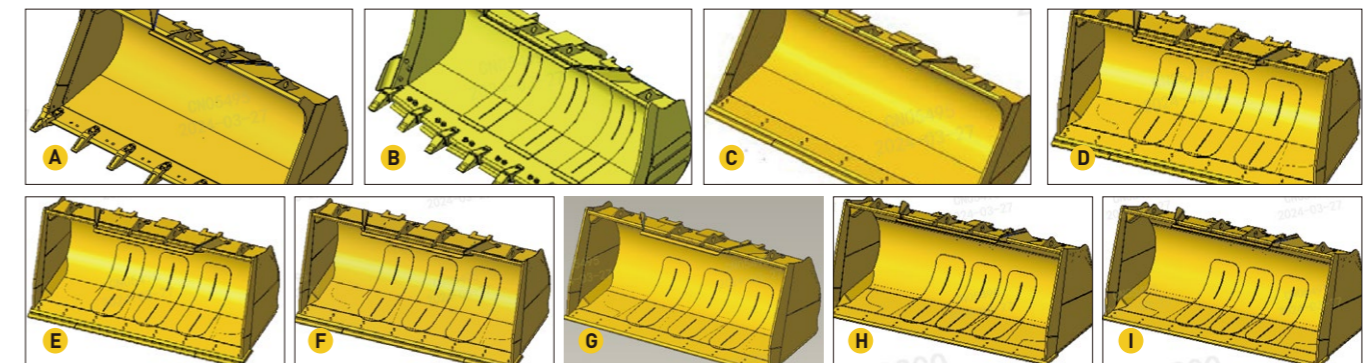
### Equipment and Features

#### Standard configurations

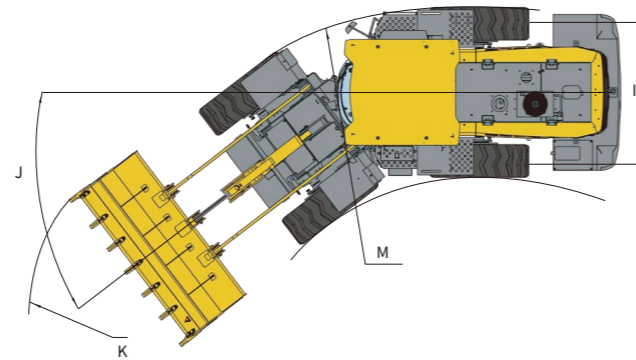
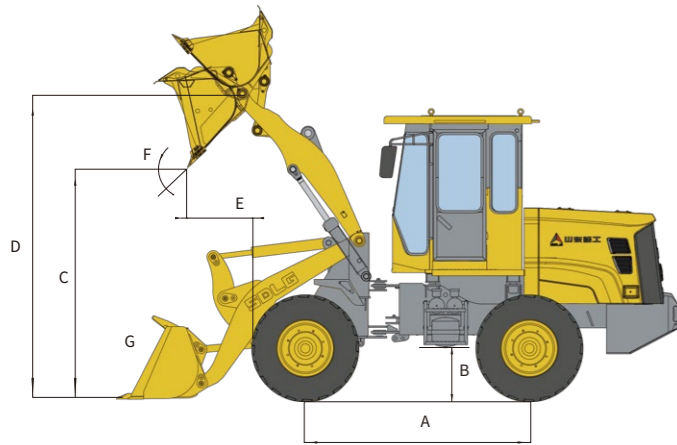
#	Disposition
1	Cummins QSB6.7
2	SDLG VRT205
3	SDLG A515G
4	Pilot single handle control
5	Standard arm
6	3-spool valve
7	Single brake pedal
8	23.5-25-20PRTL-TL516 (Environmental)
9	ROPS cab
10	AC
11	Start interlock
12	Tachometer
13	Fuel tank with a lock
14	Adjustable steering column
15	Radio
16	LED rotate beacon
17	GP bucket 3.2×3016 (wear resistant plate)

#### Optional equipment

#	Disposition	
1	GP bucket 3.2×3024 (bolted tooth)f	A
2	Rock bucket 2.7×3093 (with wear cap)	B
3	GP bucket 3.0×3016 (wear resistant plate)	C
4	Enlarged bucket 3.6×3016 (wear resistant plate)	D
5	Enlarged bucket 4.2×3016 (wear resistant plate)	E
6	Enlarged bucket 4.5×3016 (wear resistant plate)	D
7	Enlarged bucket 3.6×3016 (no wear resistant plate)	I
8	Enlarged bucket 4.2×3016 (no wear resistant plate)	G
	Enlarged bucket 4.5×3016 (no wear resistant plate)	K



# L958H Main Parameter



Item	Specifications
<b>Overall dimension</b>	
L×W×H	8200×3016×3450mm
Wheel base(A)	3400mm
Min. ground clearance(B)	420mm
Max. dumping height(C)	3150mm
Lifting height(D)	
Dumping distance(E)	1150mm
Dumping angle(F)	-45°
Bucket rollback at ground level(G)	42°
Wheel tread(I)	2190mm
Steering angle(J)	38°
Horizontal crossing radius(K)	6980mm
Min.turning radius(M)	6030mm

Item	Specifications
<b>Overall parameters</b>	
Bucket capacity	/
Rated load	5500kg
Operating weight	18250kg
Max.tractive force	160kN
Max.breakout force	≥175kN
Tipping load	110KN

Item	Specifications
<b>Engine</b>	
Model	B6.7
Type	Inline,water-cooled,four stroke,direct injection
Rated power	168kW
Rated speed	2200r/min
Engine displacement	6700ml
Cylinder bore/stroke	107/124mm
Max.torque(N.m)/speed(r/min)	1186n.m/1300-1600r/min
Emission standard	Europe Stage V
Min.fuel-consume ratio	198g/kW.h
<b>Transmission system</b>	
Traveling brake type	Single-stage three-element hydraulic torque converter
Swing mode	Axis-fixed electric-hydraulic transmission
Gears	Forward 4 reverse 4
Speed at forward/ reverse gear I	7km/h
Speed at forward/ reverse gear II	12.5km/h
Speed at forward/ reverse gear III	27km/h
Speed at forward/ reverse gear IV	39km/h

Item	Specifications
<b>Hydraulic system of working device</b>	
Type	Hydraulic pilot control
Total time	≤10.6s
<b>Brake system</b>	
Service brake type	Full hydraulic dry brake
Parking brake type	Electric liquid-controlled
<b>Steering system</b>	
Type	Load sensing full hydraulic articulated steering
System pressure	21MPa
<b>Fill capacity</b>	
Fuel	300L
Hydraulic oil	220L
Engine	13L
Transmission	17.1/4.7
Drive axle	20+10
Braking system	/

\* The right of final interpretation of the abovementioned parameters shall be reserved by SDLG. No further notice will be given in case of any change, Illustrations in the text may not always be the standard illustrations for this model.