

Reliability in Action

L958H Wheel Loader

The power-packed performer.

Gross Power: 230HP@2100rpm

Operating Weight: 18770KG

Payload: 5500KG

CEV-IV Certified



Member of The Volvo Group



Technical Specifications

Standard Equipment

Engine		
Make	Weichai	
Model	WP7G234E501	
Type	Electronically controlled CRDI engine	
Gross power @ 2100 rpm	230 hp	
Maximum torque Nm@ 1400 rpm	1000	
Engine exhaust after treatment	DOC + SCR + ASC	
Working modes	3	

Transmission		
Make	SDLG	
Model	VRT205	
Torque Converter	Single phase, 3 elements, twin turbine, hydraulic converter	
Travel Speed	km/hr Forward Reverse	
1st gear	0 ~ 6.7	0 ~ 6.8
2nd gear	0 ~12.4	0 ~ 12.5
3rd gear	0 ~25.9	0 ~ 26.1
4th gear	0 ~ 38	0 ~38.2
Kick Down function	Standard	

Axles		
Make	SDLG make with dry Disc brakes	
Front	A515 Series heavy duty axles with 36 ton carrying capacity and Planetary hub reduction	
Rear	A515 Series heavy duty axles with 36 ton carrying capacity and Planetary hub reduction	

Hydraulic system		
Loader Hydraulic operation	Pilot operated with single Joystick	
Pilot System working pressure	3.5MPa	
Loader Arm Linkage	Z Bar	
Main Pump Type	Gear Pump	
Maximum Flow ltrs/min	287L/min	
System working pressure Mpa	16	

Hydraulic Cycle Time Sec		
Lifting time (Fully Loaded)	5.7	
Lowering time (Empty)	3.1	
Dumping time (Empty)	1.2	
Total	10	

Steering System		Two section gear pump
Type	Full hydraulic load sensing, articulated steering	
Working pressure Mpa	16	
Maximum Flow ltrs/min	112/10	

Service & Maintenance		
Air-filter	Dual Air Filters with Turbo Precleaner	
Fuel Filters	2	
Water Separator	1 with electrical priming motor	
Hydraulic Filter	1	
Transmission filter	1	

Optional Attachments		
HD Bucket m³	2.7	
LM Bucket m³	5	
Side Dump Bucket m³	3	
Log Grapple	Available	
Pallet Fork	Available	
Pre cleaner	Oil bath pre cleaner	

Brake system		
Service brake	Air over hydraulic disc brakes with single brake pedal	
Parking brake	Electronically controlled Pneumatic caliper disc brake	

Tyres	Size
Front	23.5X25 L3
Rear	23.5X25 L3

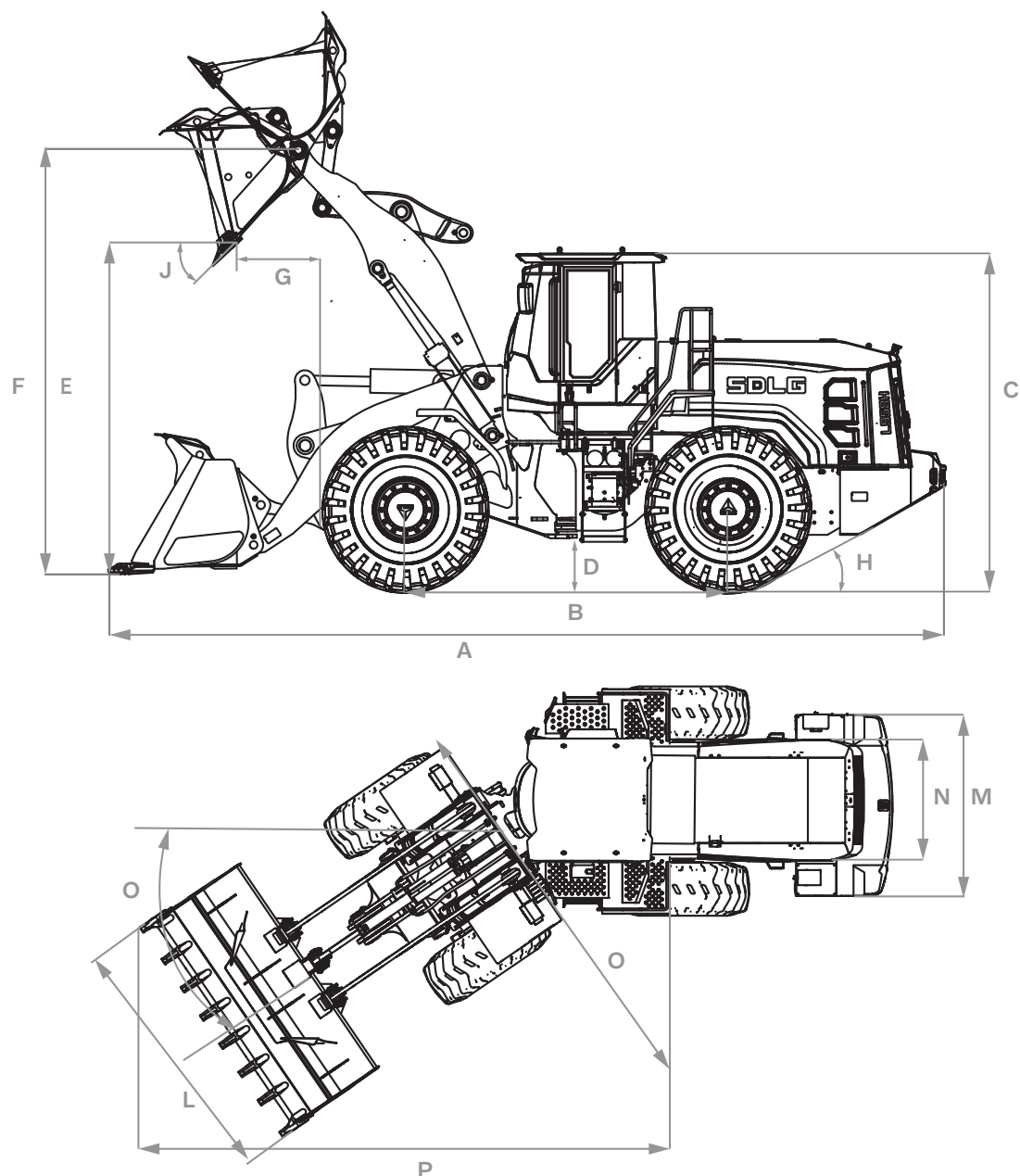
System refill capacity (L) & Refill Interval (hrs)	Tank Capacity	Refill Interval
Fuel	300	
Adblue	30	
Engine coolant	38	2000
Engine oil	24	500
Transmission oil	24.5	1000
Axle & Final drive oil front	30	1000
Axle & Final drive oil rear	30	1000
Hydraulic oil volume in tank	220	2000

Electrical system		
Electrical system	4	
Voltage	24V	
Batteries	2	

Cabin		
ROPS /FOPS compliant	Standard	
AC	Standard with dual filters	
Operator seat	Mechanical suspension seat	
Music system	MP3 Player with Bluetooth mobile connection	
Seat Belt	Standard	

Payload capacity kg	5500	5500	5500
Bucket Volume Heaped ISO/ SAE cu.m (HD, GP, LM)	2.7	3.2	5
Volume at 110% Fill Factor cu.m	2.97	3.52	5.5
Operating weight kg	18510	18250	18770
Breakout force kN	175	170	140
Static tipping load straight	11540	11800	11280
Static tipping load full turn	9940	10200	9680
Maximum Tractive force kN	160	160	160

Noise dB		
Operator Ear Level	78	
Pass by Noise	107	



Loader Dimension (Bucket Size)	2.7	3.2	5
Length A	8730	8730	8830
Width L	3093	3024	3170
Height C	3410	3410	3410
Wheel Base B	3300	3300	3300
Minimum Ground Clearance D	420	420	420
Maximum Dump Height E	3500	3500	3300
Maximum Hinge Pin Height F	4540	4540	4540
Maximum Reach G	1130	1130	1400
Dumping Angle J	-45°	-45°	-45°
Bucket Roll back at Ground level K	450	450	450
Width outside of rear wheel M	2785	2785	2785
Steering angle	38°	38°	38°
Minimum turning radius outside rear wheel (mm) O	5890	5890	5890
Horizontal crossing radius outside bucket (mm) P	6910	6910	6910
Gradeability H	30°	30°	30°
Wheel Tread	2190	2190	2190