

#YourGrowthMachine



# L933H Wheel Loader

Absolute value for  
investment.



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Gross Power: 133HP

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Operating Weight: 10300KG

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Payload: 3500KG

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CEV-IV Certified

Member of the Volvo Group

# Technical Specifications

## Standard Equipment

Engine	
Engine model	WP4. 6NG135 E501
Engine type	In-line, water-cooled, four-stroke, direct injection
Gross Power hp	133 @ 2250 rpm
Maximum torque Nm	610 @ 1400 rpm
Displacement (ml)	4580
Number of cylinders	4
Bore / stroke (mm)	108 /125
Emission standard	CEV IV

Transmission System	
Make	SDLG
Type	Fixed shaft power shift
No. of gears	F4 and R2
Torque converter	Single-stage three-element torque converter
Machine speed F1, F2, F3 & F4 (km/h)	0-8 /14 / 27 / 41
Machine speed R1, R2 (km/h)	0-10 / 32

Axles	
Make	SDLG make
Front & Rear	AL20 series Heavy Duty axles with the 20T carrying capacity
Rear Axle Oscillation (Deg)	±11°

Hydraulic system	
Type	Single joystick pilot hydraulic control
Pilot system working pressure (MPa)	3.5
Main Pump Type	Gear Pump
Maximum flow (ltrs/min)	191
System working pressure (MPa)	17.5

Hydraulic cycle time Sec	
Bucket lift time (full load)	≤5.2 s
Bucket fall time (no load)	≤3.0 s
Bucket dumping time (no load)	≤0.8 s
Total cycle time	≤9.0 s

Steering System	
Type	Load-sensing full hydraulic articulated steering
Working pressure of steering system (MPa)	14
Steering angle (°)	36°
Steering pump flow (lpm)	191

Brake system	
Service brake	Air over Hydraulic Disc Brakes with single brake pedal
Parking brake	Mechanically operated disc brake
Brake pressure (MPa)	0.784

Tyres	
Tyre size	17.5~25 L3
Front Tyre pressure (MPa)	0.31~0.33
Rear tyre pressure (MPa)	0.27~0.29

Cabin	
AC Cabin	Standard
AC	Standard with dual filters
Operator seat	Mechanical suspension Seat
Seat belt	Standard

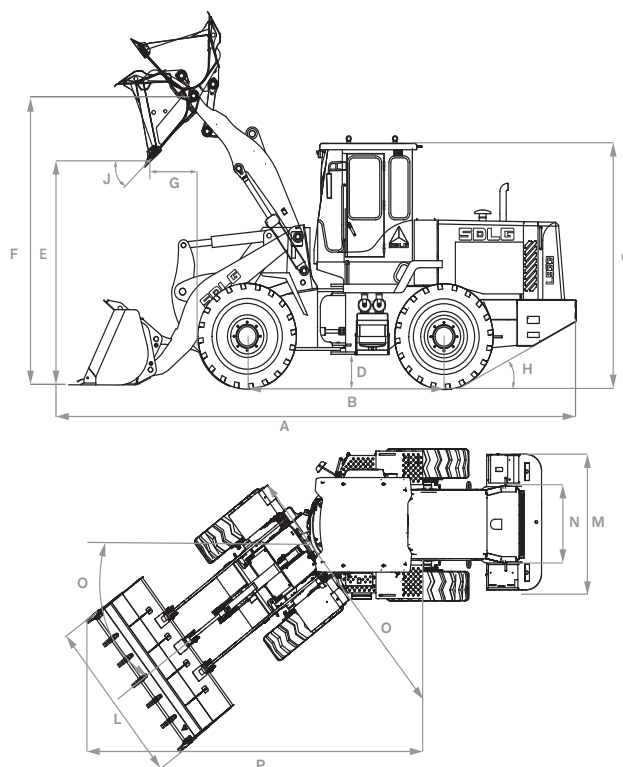
Performance	
Payload capacity kg	3500
Bucket volume, Heaped ISO/SAE Cu.m (GP)	2.1
Operating weight kg	10300
Maximum breakout force (kN)	≥96
Maximum traction force (kN)	≥96
Static Tipping Load Straight (kN)	≥74
Static Tipping Load Full Turn (kN)	≥66

Electrical system	
Voltage	24V
Batteries	2

Dimension		
A. Overall length (mm)		7150
B. Wheelbase (mm)		2850
C. Overall height (mm)		3240
D. Minimum ground clearance (mm)		375
E. Maximum dumping height (mm)		2930
F. Axis pin at maximum lift height (mm)		3790
G. Corresponding dump reach (mm)		1050
H. Gradeability (°)		30°
J. Dumping angle (°)		-45°
K. Bucket roll back at ground level (°)		45°
L. Overall width (mm)		2520
M. Outside width of wheel (mm)		2520
N. Wheel tread (mm)		1865
O. Min. turning radius outside rear wheel (mm)		5375
P. Horizontal crossing radius outside bucket (mm)		6180

System Refill Capacity		Interval (hrs)
Diesel filling capacity of fuel tank (L)	160	
Hydraulic Oil tank filling capacity (L)	136	2000
Transmission oil filling capacity (L)	45	First 50 / Every 1000
Oil filling capacity of braking system (L)	4	First 50 / Every 1000
Oil filling capacity of axles (main drive and wheel reducer) (L)	18 +18	First 50 / Every 1000
Engine oil filling capacity (L)	12	500
Antifreeze coolant (L)	23	2000

Optional Attachments	
HD Bucket (m³)	1.5
LM Bucket (m³)	3.0
Long grapple	Available
Pallet fork	Available
Pre-cleaner	Oil bath pre-cleaner



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