

#YourGrowthMachine



L936H Wheel Loader

Higher fuel efficiency.
More productivity.



Gross Power: 133HP

Operating Weight: 10500KG

Payload: 3500KG

CEV-IV Certified

Member of the Volvo Group

Technical Specifications

Standard Equipment

Engine

Engine model	WP46NG135E502
Engine type	In-line, water-cooled, four-stroke, direct injection
Gross Power hp	133 @ 2150 rpm
Maximum torque Nm	630 @ 1400 rpm
Displacement (ml)	4580
Number of cylinders	4
Bore / stroke (mm)	108 /125
Emission standard	CEV IV

Transmission System

Make	SDLG
Type	Planetary power shift
No. of gears	F2and R1
Torque converter	Single stage four element twin turbine torque convertor
Machine speed F1,F2 (km/h)	0~13 /38
Machine speed R1(km/h)	0~17

Axles

Make	SDLG make with dry disc brakes
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	Gear Pump
Maximum flow (ltrs/min)	193.5
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 (°)	37°
Steering pump flow (lpm)	104.5

Brake system

Service brake	Air over Hydraulic Disc Brakes with single brake pedal
Parking brake	Electric air controlled internal expansion shoe
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
Music System	MP3 Player with Bluetooth Mobile connection
Seat belt	Standard

Performance

Payload capacity (kg)	3500
Bucket volume, Heaped ISO/SAE Cu.m (GP)	2.1
Operating weight (kg)	10500
Maximum breakout force (kN)	≥96
Maximum traction force (kN)	≥100
Static Tipping Load Straight (kN)	≥77
Static Tipping Load Full Turn (kN)	≥66

Electrical system

Voltage	24V
Batteries	2

Dimension

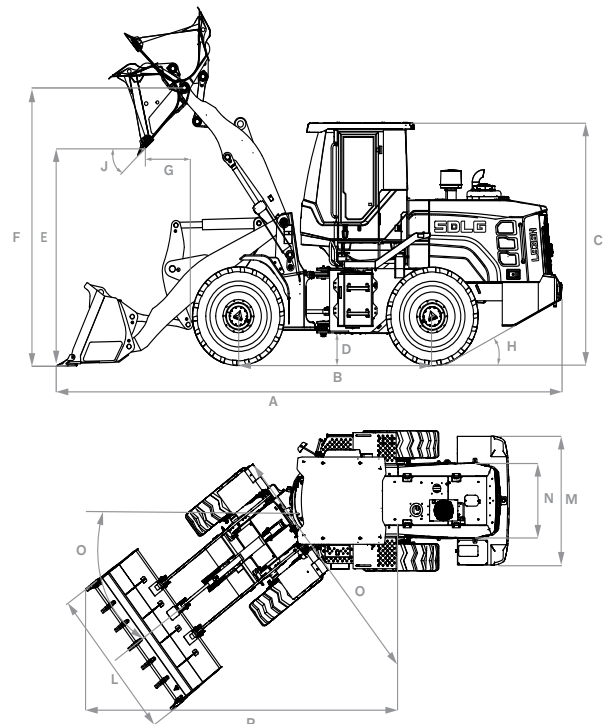
A. Overall length (mm)	7240
B. Wheelbase (mm)	2850
C. Overall height (mm)	3170
D. Minimum ground clearance	370
E. Maximum dumping height	2930
F. Hinge pin at maximum lift height (mm)	3790
G. Corresponding dump reach (mm)	1050
H. Gradeability	30°
J. Dumping angle	-45°
K. Bucket roll back at ground level (°)	45°
L. Overall width (mm)	2520
M. Outside width of wheel(mm)	2310
N. Wheel tread(mm)	1865
O. Min. turning radius outside rear wheel (mm)	5250
P. Horizontal crossing radius outside bucket (mm)	6065

System Refill Capacity

		Interval (hrs)
Diesel filling capacity of fuel tank (L)	200	
Hydraulic Oil tank filling capacity (L)	128	2000
Transmission oil filling capacity (L)	44	First 50 / Every 1000
Oil filling capacity of braking system (L)	4	
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)	25	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
Side discharge bucket	Available



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