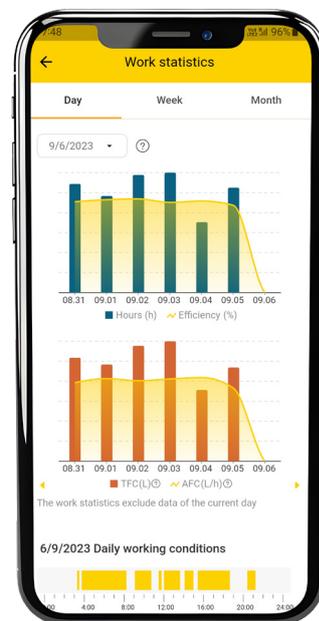


Your Growth Machine



L935Hi Wheel Loader

Absolute value for investment.



Gross Power: 133HP

Operating Weight: 11400KG

Payload: 3600KG

CEV-V Certified

Member of Volvo Group

Technical Specifications

Standard Equipment

Engine

Engine model	WP4. 6NG135 E672
Engine type	In-line, water-cooled, four-stroke, direct injection
Gross Power hp	133 @ 2250 rpm
Maximum torque Nm	620 @ 1400 rpm
Displacement (ml)	4580
Number of cylinders	4
Bore / stroke (mm)	108 /125
Emission standard	CEV V

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

Bucket lift time (full load)	≤5.2 s
Bucket fall time (no load)	≤3.5 s
Bucket dumping time (no load)	≤1.0 s
Total cycle time	≤10 s

Steering System

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

Brake system

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

Tyres

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

Cabin

Type	ROPS/FOPS Level 2 Certified
AC	Standard with dual filters
Operator seat	Mechanical suspension Seat
Seat belt	Standard
Rotating beacon light	Standard

Performance

Payload capacity (kg)	3600
Bucket volume, Heaped ISO/SAE Cu.m (GP)	2.2
Operating weight (kg)	11400
Maximum breakout force (kN)	≥96
Maximum traction force (kN)	≥100
Static Tipping Load Straight (kg)	8500
Static Tipping Load Full Turn (kg)	7300

Electrical system

Voltage	24V
Batteries	2

Dimensions with 2.2 Cu.M GP Bucket

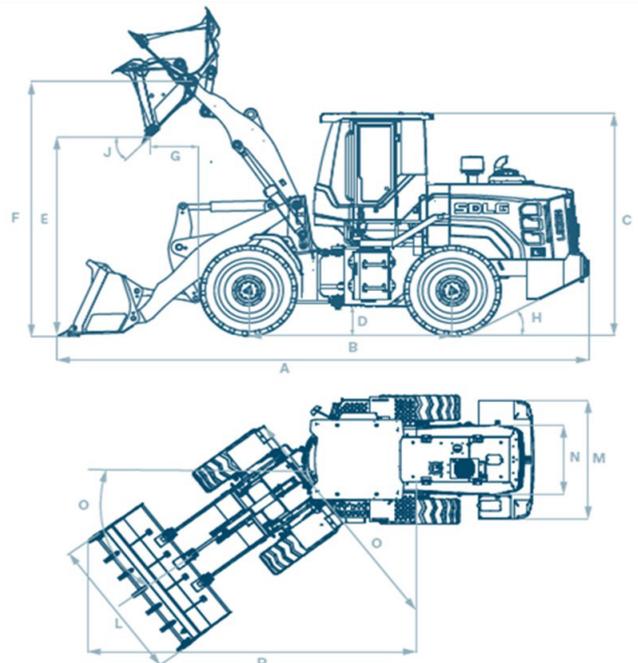
A. Overall length (mm)	7280
B. Wheelbase (mm)	2850
C. Overall height (mm)	3340
D. Minimum ground clearance (mm)	375
E. Maximum dumping height (mm)	2930
F. Axis pin at maximum lift height (mm)	3790
G. Corresponding dump reach (mm)	1140
H. Gradeability (0)	30°
J. Dumping angle (0)	-45°
K. Bucket roll back at ground level (0)	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)	5375
P. Horizontal crossing radius outside bucket (mm)	6200

System Refill Capacity

System Refill Capacity	Volume	Change Interval
Diesel filling capacity of fuel tank (L)	160	
Hydraulic Oil tank filling capacity (L)	136	Every 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	Every 500
Antifreeze coolant (L)	30	Every 2000

Optional Attachments

HD Bucket (m3)	1.5 / 1.8
LM Bucket (m3)	3.0 / 3.2
Pallet fork	Available
Pre-cleaner	Oil bath pre-cleaner



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