

Reliability in Action



L975F Wheel Loader

Power House for
Bulk Material Handling



Gross Power: 267HP

Operating Weight: 25410KG

Payload: 7000KG

Member of the Volvo Group

Technical Specifications

Standard Equipment

Engine

Engine model	WP10G270E341
Engine type	In-line, water-cooled, CRDI,
Gross Power hp	267 @ 2200 rpm
Maximum torque Nm	1300 @ 1400 rpm
Displacement (ml)	9726
Number of cylinders	6
Bore / stroke (mm)	126/130
Emission standard	Tier - 3

Transmission System

Model & Type	HTE 220 Fixed shaft electro hydraulic power shift automatic
No. of gears	F4 and R4
Torque converter	Single-stage three-element torque converter
Machine speed F1,F2, F3 & F4 (km/h)	0~7.4/13.7/27.3/40
Machine speed R1, R2, R3 & R4 (km/h)	0~7.4/13.7/27.3/40

Axles

Front	Heavy Duty AL45 series with 45T carrying capacity
Rear	Heavy Duty AL42 Series with 42T carrying capacity
Rear Axle Oscillation (Deg)	±11°

Hydraulic system

Type of working device	Double ball handle hydraulic pilot control
Maximum flow (lpm)	119 lpm
System working pressure (MPa)	25.5

Hydraulic cycle time Sec

Bucket lift time (full load)	≤5.5 s
Bucket fall time (no load)	≤4.3 s
Bucket dumping time (no load)	≤1.1 s
Total cycle time	≤10.9 s

Steering System

Type	Load-sensing full hydraulic steering
Pump	Variable axle piston pump
Working pressure of steering system (MPa)	21MPa
Steering angle (°)	38°
Steering pump flow (lpm)	198

Brake system

Service brake	Full Hydraulic Dry Disc Brake
Parking brake	Pressure releasing caliper disc brake
Brake pressure (MPa)	13.8

Tyres

Tyre size	26.5~25 L3
Front Tyre pressure (MPa)	0.475±0.01
Rear tyre pressure (MPa)	0.40±0.01

Cabin

AC Cabin	Standard ROPS /FOPS certified
AC	Standard with dual filters
Operator seat	Mechanical suspension Seat
Music System	MP3 Player with USB and AUX
Seat belt	Standard

Performance

Payload capacity kg	7000 kg
Bucket volume, Heaped ISO/SAE Cu.m (GP)	4.2
Operating weight kg	25410
Maximum breakout force (kN)	≥216
Maximum traction force (kN)	≥226
Static Tipping Load Straight (kN)	≥167
Static Tipping Load Full Turn (kN)	≥145

Electrical system

Voltage	24V
Batteries	2

Dimension

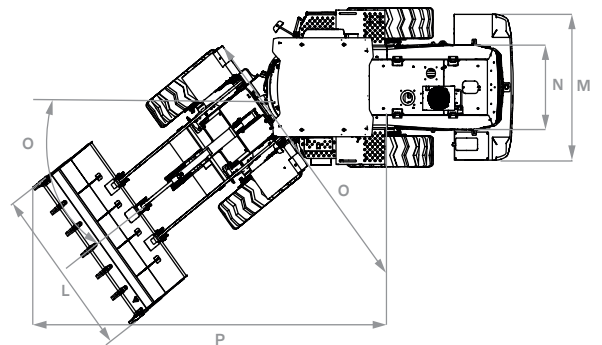
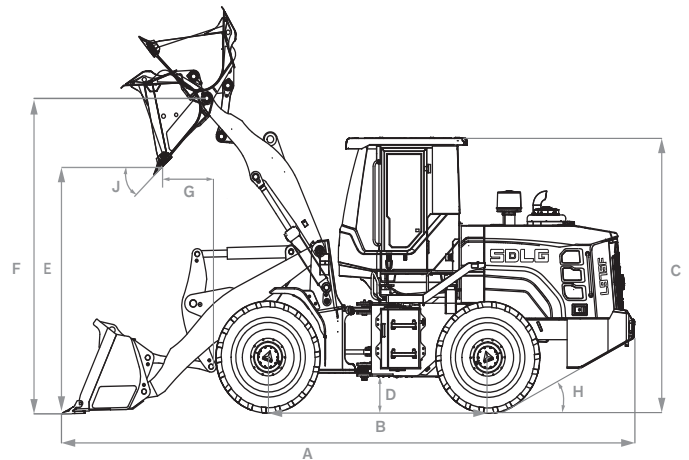
A. Overall length (mm)	9250
B. Wheelbase (mm)	3550
C. Overall height (mm)	3620
D. Minimum ground clearance (mm)	506
E. Maximum dumping height (mm)	3650
F. Axis pin at maximum lift height (mm)	4695
G. Corresponding dump reach (mm)	1310
H. Gradeability	30°
L. Overall width (mm)	3320
M. Outside width of wheel (mm)	3115
N. Wheel tread	2350
O. Min. turning radius outside of tire (mm)	6375
P. Horizontal crossing radius of bucket (mm)	7550




Special standard features

ROPS/FOPS Certified A/c Cab	Adjustable Steering column
LED work lights	Back up alarm
Head light protection	Rotating Beacon
Oil Bath air cleaner	Front and rear wiper
Reverse Camera	Sun visor
Blind spot mirrors	
Automatic Lubrication system (CLS)	

Optional Attachments

HD Bucket m ³	3.2
LM Bucket m ³	6.0
Long grapple	Available
Pallet fork	Available
High lift log attachment	Available



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