

# L956Hi Wheel Loader

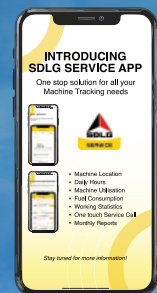
Maximum Efficiency for Heavy Duty Applications

Rated Engine Power : 228 hp

Payload : 5300 kg

Operating Weight : 17800 kg

Bucket Size : 3.2 (2.5~5.1) CuM



**Built in India**

**Member of Volvo Group**



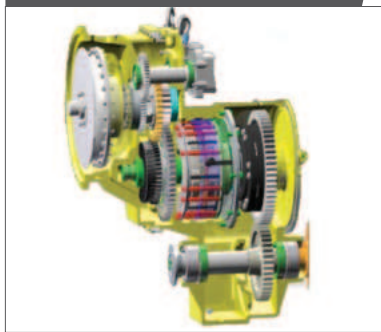
SDLG L956Hi combines strength, efficiency, and user-centric design to meet the diverse needs of your operations. Its optimized features and robust construction make it a reliable choice for demanding tasks, ensuring your projects are completed efficiently and effectively. It's engineered to deliver exceptional efficiency in demanding tasks.

#### HIGH EFFICIENCY



Handles 5.3 tons with a powerful engine with 1200 Nm Torque with 3 difference powers delivering excellent traction and lifting capacity for smoother and faster operations.

#### SUPERIOR RELIABILITY



Equipped with a durable Planetary Transmission and a HD drive axle, designed to withstand heavy workloads.

#### ENHANCED COMFORT



High capacity air conditioner with automatic climate control for enhanced comfort

#### LONG BOOM



Equipped with Standard long boom ensures best in class dumping height to load big dumpers with ease

#### HEAVY-DUTY STRUCTURE



Heavy-Duty Structure Frame for extended durability

#### ADVANCED TELEMATICS



State-of-the-art telematics for real-time machine insights



## ENGINE

- 228 HP, 1200 Nm Torque, Fuel-Efficient CEV V Engine
- 3 Power Mode Selection for optimized fuel consumption
- Electronic Priming Pump for quick & automated air removal



## TRANSMISSION

- New Generation Planetary Power Shift HD Transmission with 2F & 1R gears
- Optimized gear ratio for smooth & Efficient shifting
- High Reliability & longer life
- Reinforced HD Axles with double sealing



## HYDRAULIC SYSTEM

- Load Sensing Hydraulic Steering System for precise maneuverability
- Single Joystick for improved efficiency & ease of use
- High-performance hydraulic components for vigorous operation

## SAFETY FEATURES



Reverse Camera for better visibility

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Extra Working lights, reverse horn, and rotating beacon for better visibility

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Features a spacious pressurized and shock-absorbing ROPS / FOPS Certified cabin with clear visibility, low noise, minimal vibration, and fast cooling air conditioning for a better working experience.

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Seat belt, 3-point climbing access, and anti-slip perforated plates

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# L956Hi

## Wheel Loader



### ENGINE

- Fuel Efficient CEV-V Certified CRDI Engine
- 3 Power Selection Modes
- Higher Power & Torque

### TRANSMISSION

- Planetary type HD Transmission
- Powershift with 2F & 1R Gear

### CONVENIENCE & SAFETY

- Easy & Ground level access of all lubricating points
- Reverse Camera
- 3 Point contacts & anti slip perforated plates
- Extra working lamps
- Rotating Beacon

### HYDRAULIC

- Single Joystick Pilot Control
- Proven & reliable hydraulic components
- Load sensing steering
- Separate pumps for Hydraulic & Steering system

### CABIN

- Spacious ROPS / FOPS Certified A/c Cabin
- Cabin Fan
- Parabolic windshield for wider visibility
- Windshield Wipers
- Ergonomically designed controls
- Adjustable suspension Seats with Hand rest
- Adjustable Steering Column

### OTHERS

- Multiple optional Bigger bucket
- SDLG Telematics with App
- Fuel Consumption on Display

### STRUCTURE

- Heavy Duty Frames & structure
- Optimized & Reinforced boom & Z bar Linkage
- Long Boom for best in class Dump Height

### AXLES

- SDLG HD Dry Axles
- Reinforced drive shafts
- Reliable Air over hydraulic disc brake



\*The illustration may include optional equipment.



# L956Hi - Technical Specifications

## Standard Equipment



### Engine

Engine model	WP8231E671
Engine type	In-line, water-cooled, four-stroke, direct injection
Rated Engine Power (hp)	228 @ 2250 rpm
Maximum torque (N.m)	1200 @ 1400 rpm
Displacement (ml)	7800
Number of cylinders	6
Bore / stroke (mm)	110 / 136
Emission standard	CEV - V

### Transmission System

Make	SDLG
Type	Planetary power shift
No. of gears	F2 and R1
Torque converter	Single stage four element twin turbine torque converter
Machine speed F1/F2/F3/F4 (km/h)	0~13 / 38
Machine speed R1/R2/R3/R4 (km/h)	0~17

### Axles

Make	SDLG make
Front & Rear	Heavy Duty axles with 36T Carrying Capacity
Rear Axle Oscillation (°)	±13

### Hydraulic system

Type	Single joystick pilot hydraulic control
Pilot system working pressure (MPa)	3.5
Main Pump Type	Gear Pump
Maximum flow (LPM)	348
System working pressure (MPa)	19.5

### Hydraulic cycle time

Bucket lift time (full load)	≤ 5.5 s
Bucket fall time (no load)	≤ 3.5 s
Bucket dumping time (no load)	≤ 1.2 s
Total cycle time	≤ 10.2 s

### Steering System

Type	Load-sensing full hydraulic articulated steering
Working pressure (MPa)	16
Steering angle (°)	38
Steering pump flow (lpm)	222

### Brake system

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

### Tyre

Tyre size	23.5 x 25 L3
Front Tyre pressure (MPa)	0.38 ~ 0.40
Rear tyre pressure (MPa)	0.32 ~ 0.34

### Cabin

Type	ROPS/FOPS Level 2 Certified
AC	Automatic Climate Control & Dual filters
Operator seat	Mechanical suspension Seat
Seat belt	Standard
Rotating beacon light	Standard
Music System	FM/MP3 Player with Aux & Bluetooth connectivity

### Performance

Payload capacity (kg)	5300
Bucket volume, Heaped ISO/SAE Cu.m (GP)	3.2
Operating weight (kg)	17800
Maximum breakout force (kN)	≥170
Maximum traction force (kN)	≥160
Static Tipping Load Straight (kg)	12500
Static Tipping Load Full Turn (kg)	10700

### Electrical system

Voltage	24V
Batteries	2

### Dimensions with 3.2 M3 GP Bucket

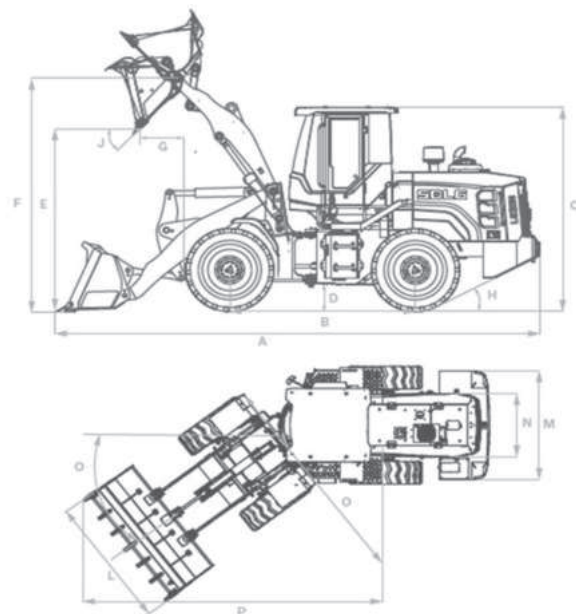
A. Overall length (mm)	8730
B. Wheelbase (mm)	3300
C. Overall height (mm)	3466
D. Minimum ground clearance (mm)	435
E. Maximum dumping height (mm)	3400
F. Axis pin at maximum lift height (mm)	4470
G. Corresponding dump reach (mm)	1250
H. Gradeability (°)	30
J. Dumping angle (°)	-45
K. Bucket roll back at ground level (°)	45
L. Overall width (mm)	3024
M. Outside width of wheel (mm)	2845
N. Wheel tread (mm)	2250
O. Min. turning radius outside rear wheel (mm)	6200
P. Horizontal crossing radius outside bucket (mm)	7300

### System Refill Capacity (L)

System Refill Capacity (L)	Volume	Change Interval
Diesel filling capacity of fuel tank	280	Every 2000
Hydraulic Oil tank filling capacity	210	
Transmission oil filling capacity	44	First 50 / Every 1000
Oil filling capacity of braking system	4	
Oil filling capacity of axles		First 50 / Every 1000
main drive and wheel reducer)	30 + 26	
Engine oil filling capacity	22	
Antifreeze coolant	45	

### Optional Attachments

HD Bucket (m3)	2.5 / 2.7
LM Bucket (m3)	4.7 / 5.1
Pallet fork	Available
Pre-cleaner	Oil bath pre-cleaner



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Choosing SDLG means access to a strong dealer network—with 19+ dealerships and 300+ outlets across India—that ensures timely service, original parts, and expert technical support. Backed by 130+ service vehicles and over 800 dedicated service engineers, our nationwide service presence guarantees that your machine operates at peak performance with minimal downtime.

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khurana.aashish@gmail.com

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Email: sreeram@ramanand.co.in,  
anand@ramanand.co.in, nagarajuna@ramanand.co.in

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