

L956Hi Wheel Loader

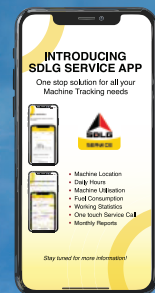
Maximum Efficiency for Heavy Duty Applications

Engine Power : 228 hp

Payload : 5300 kg

Operating Weight : 17800 kg

Bucket Size : 3.2 (2.5~5.1) CuM



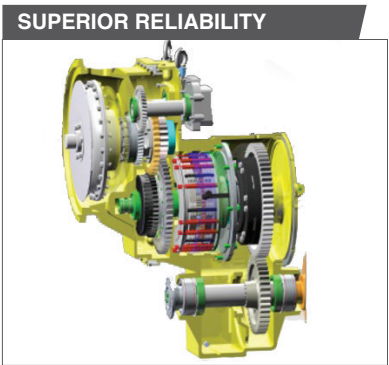
Built in India

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.



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.



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



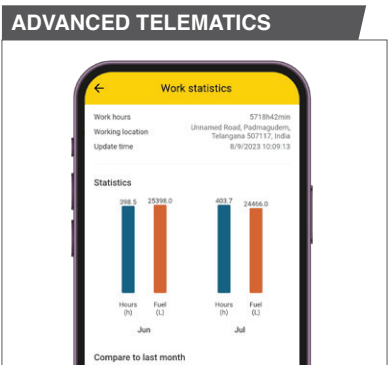
High capacity air conditioner with automatic climate control for enhanced comfort



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



Heavy-Duty Structure Frame for extended durability

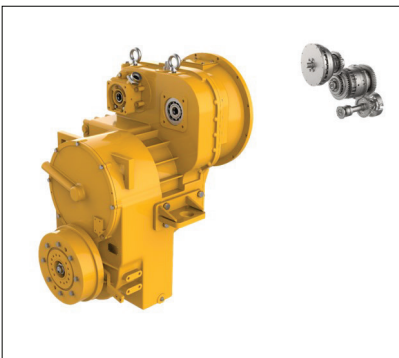


State-of-the-art telematics for real-time machine insights



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



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



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.



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

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.

Technical Specifications

Standard Equipment

Engine	
Engine model	WP8231E671
Engine type	In-line, water-cooled, four-stroke, direct injection
Max Power hp	228 @ 2250 rpm
Maximum torque Nm	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 (km/h)	0~13 / 38
Machine speed R1 (km/h)	0~17

Axles	
Make	SDLG make
Front & Rear	Heavy Duty axles with 36T carrying capacity ±13°
Rear Axle Oscillation (Deg)	

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

Tyres	
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 Standard with
AC	Automatic Climate Control & dual filters
Operator seat	Mechanical suspension Seat Standard
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 Cu.M 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 (0)	30°
J. Dumping angle (0)	-45°
K. Bucket roll back at ground level (0)	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	Volume	Change Interval
Diesel filling capacity of fuel tank (L)	280	
Hydraulic Oil tank filling capacity (L)	210	Every 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)	30 + 26	First 50 / Every 1000
Engine oil filling capacity (L)	22	Every 500
Antifreeze coolant (L)	45	Every 2000

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

