

G9150Hi Motor Grader

The Road Specialist

Operating Weight : 14075 kg

Rated Engine Power : 150 hp

Moldboard Length : 12 ft

CEV - V Certified



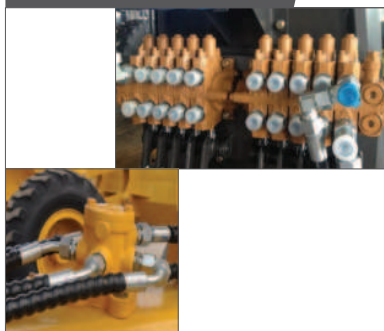
This versatile and medium-sized **G9150Hi** grader is developed by incorporating advanced technology and is known for its high speed, efficiency, and accuracy. Can be used for ground leveling and grooving, scraping slope is widely used in road construction & site preparation.

PROVEN RELIABILITY



Heavy-duty Structures to tackle tough & heavy work

HIGH EFFICIENCY



Energy-efficient hydraulic system for precise control

OPERATOR COMFORT



ROPS/FOPS-certified cabin with ergonomically designed controls

REFINED DESIGN



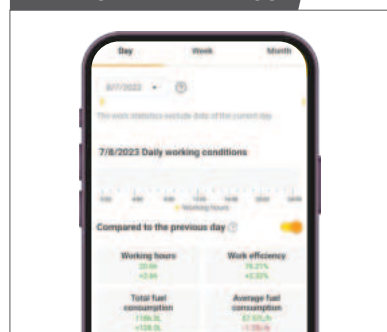
Patented dual-cylinder swing system for superior grading power

ERGONOMIC CONTROLS



Ergonomic controls with LCD Display for fuel tracking & diagnostics

ADVANCED TELEMATICS



Telematics system for real-time performance insights



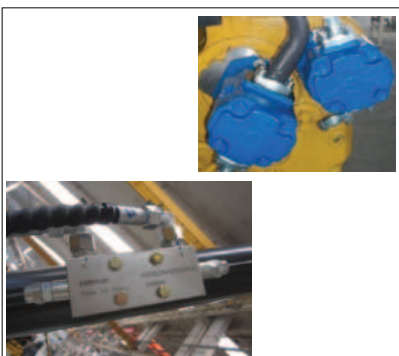
ENGINE

- 150 HP, 720 Nm Torque, Fuel-Efficient CEV V Engine
- 4 Power Mode Selection for workload adaptability
- Automatic Cruise Control System for enhanced efficiency



TRANSMISSION

- ZF 6WG158 Electronic Power Shift
- Automatic Transmission with 6F & 3R gears
- Heavy-duty rear axle for improved traction and longevity



HYDRAULIC SYSTEM

- Load Sensing Steering System for optimal maneuverability
- Advanced hydraulics for enhanced performance
- High-performance cylinders for heavy-load grading

SAFETY FEATURES



Reverse Camera for better visibility



LED lights, reverse horn, and rotating beacon for visibility



Handrails on engine hood for safe access to maintenance areas



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

G9150Hi

Motor Grader



ENGINE

- Fuel Efficient CEV-V Certified CRDI Engine
- 4Power Selection Modes
- Variable Horse Power (VHP)
- Higher Power & Torque
- Auto Cruise control

TRANSMISSION

- Heavy Duty electronic shaft Automatic Transmission
- Power shift with 6F & 3R Gear

CONVENIENCE & SAFETY

- Ground level access for 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

CABIN

- Spacious ROPS / FOPS Certified A/c Cabin
- Windshield Wipers
- Ergonomically designed controls
- Adjustable suspension Seats with Hand rest

OTHERS

- Optional Front Dozer, Mid Scarifier & Rear Ripper attachments
- SDLG Telematics with App



STRUCTURE

- Patented dual cylinder turn circle
- Maintenance free connecting rockers
- Heavy Duty Frames & structure
- Optimized & Reinforced boom & Z bar Linkage

AXLES

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

*The illustration may include optional equipment.

G9150Hi - Technical Specifications

Standard Equipment



Engine

Engine model	WP4.6NG150E635
Engine type	In-line, water-cooled, four-stroke, direct injection
Rated Engine Power (hp)	150 @ 2200 rpm
Maximum torque (N.m)	720 @ 1500 rpm
Displacement (ml)	4580
Number of cylinders	4
Bore / stroke (mm)	108 / 125

Transmission System

Make & Model	ZF & 6WG158
Type	Automatic power shift, Counter- shaft
No. of gears	F6 and R3
Torque converter	Single stage, single phase three elements
Machine Speed (Km/h)	0 ~ 5.5 / 9 / 11 / 18 / 25 / 42
F1, F2, F3, F4, F5, F6	
Machine speed R1, R2, R3	0 ~ 5.5 / 11 / 25

Rear Axle & Tandem

Make	SDLG
Ground clearance (mm)	400
Differential	No slip
Oscillation (°)	±15

Front Axle

Oscillation (°)	±16
Wheel Lean (°)	±18
Ground Clearance (mm)	590

Hydraulic system

Type	Open type system
Pump	Fixed displacement pump
Rated Flow (LPM)	165
Rated pressure (mpa)	18

Steering system

Type	Load sensing
Steering angle (°)	±50
Turning radius (mm)	6500

Brake system

Service brake	MICO single circuit system with nitrogen charged accumulators outboard mounted hydraulically operated
Parking brake	Mechanical control on transmission

Cabin

AC	Standard with dual filters
Operator seat	Mechanical suspension seat
Music system	MP3 Player with bluetooth mobile connection
Seat belt	Standard

Noise dB

Operator ear level	81
Pass by	105

Electrical System

Volatage	24V
Batteries	2

Tyres

Tyre size	14 x 24 - 16PR
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Moldboard Turn Circles & Blade Range

Moldboard lift above ground	380
Blade width (mm)	585
Balce length (mm)	3658
Blade tilt angle (°)	90
Blade down force (kgf)	6563
Blade slewing angle (°)	360
Cutting diameter (mm)	1375
Blade max. depth in ground (mm)	575

Operating weight - Standard Machine

Front axle (Kg)	4115
Rear axle(Kg)	9960
Total machine (Kg)	14075

Standard features

ROPS / FOPS Certified AC Cabin
4 Power mode selection option
LED working lights
Perforated steps
Backup Alarm
Wiper
Automatic Cruise control
SDLG Telematics system
Cyclone precleaner
Extra LED lights on the rear hood
Adjustable steering
Rotating beacon light
Safety hand rails on the engine hood
HD Reverse Camera

Refill Capacities

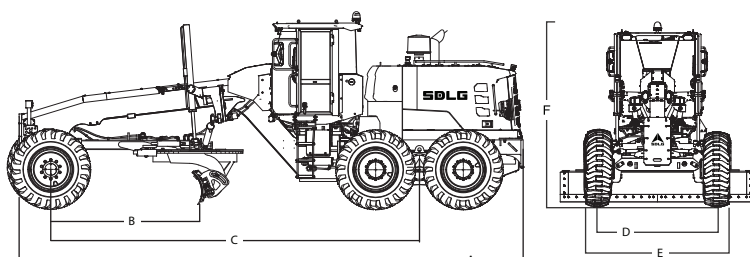
Description	Capacity	Change Interval
Engine Oil	12	Every 500 hours
Transmission Oil	28	First 50 & Every 1000 hours
Rear axle (including tandem)	69	First 50 & Every 1000 hours
Hydraulic Oil	90	Every 2000 hours
Coolant	30	Every 2000 hours

Optional Attachments

Front dozer
Rear ripper
Mid mount scarifier

Dimensions

A.	Overall length (mm)	8241
B.	Blade base (mm)	2253
C.	Wheel base (mm)	6040
D.	Wheel track (mm)	2070
E.	Overall width (mm)	2470
F.	Overall height (mm)	3457



Our Dealer Network

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.

North

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98732 52266
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vishal.parmami@timeequipment.co.in

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Dealer Partner: Mr. Kedar Singh Rathore
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Email: raghupatibhuwalka@suchitagroup.com,
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+919302477346, +919300077308
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salesco@navininfra.com,
seemabhandari@navininfra.com,
nileshbhandari@navininfra.com

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Email: pramod@svpgroup.net

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anand.rajore@teameng.co.in

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khurana.aashish@gmail.com

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Email: siddarth.raman@pactmachines.com

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034. Telangana
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Mr. Anand Anumolu, Mr. Nagarajuna Mandava
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+919990975051
Email: sreeram@ramanand.co.in,
anand@ramanand.co.in,
nagarajuna@ramanand.co.in

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