

# G9190Hi Motor Grader

Precision & Performance for Every Terrain

Operating Weight : 16200 kg

Rated Engine Power: 200 hp

Moldboard Length : 12 ft

CEV - V Certified



**Built for India**

**Member of Volvo Group**



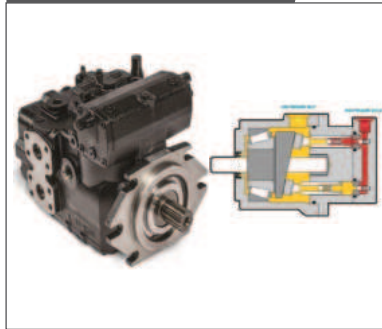
**G9190Hi** is a product of high speed, high efficiency, high accuracy and multiple purposes developed by SDLG with advanced technology, can be used for ground leveling and grooving, scraping slope is widely used in construction operating condition of road, airport, defense engineering, mine construction, and so on.

#### PROVEN RELIABILITY



Heavy-duty Structures to tackle tough & heavy work

#### HIGH EFFICIENCY



Load-sensing hydraulic system for smooth control

#### OPERATOR COMFORT



Spacious ROPS/FOPS Level-2 Certified A/C Cabin

#### REFINED DESIGN



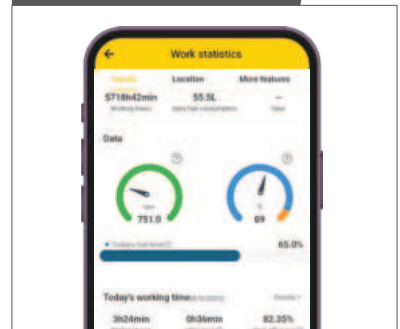
Patented dual-cylinder swing system for superior grading power

#### ERGONOMIC CONTROLS



Ergonomic controls with LCD Display for fuel tracking & diagnostics

#### ADVANCED TELEMATICS

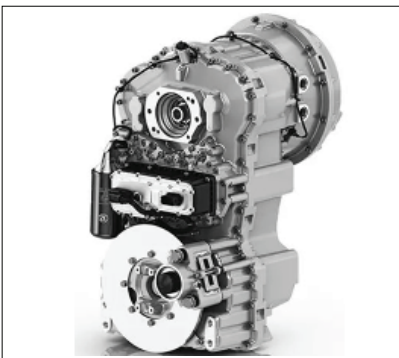


Telematics system for real-time performance insights



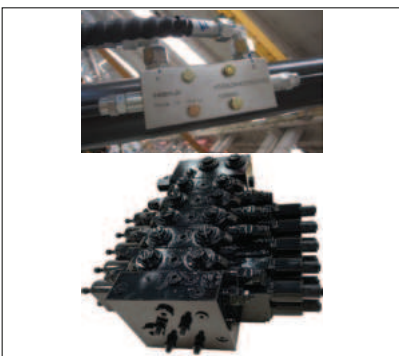
## ENGINE

- 200 HP, 990 Nm Torque, Fuel-Efficient CEV V Engine
- 4 Power Mode Selection for workload adaptability
- Automatic Cruise Control System for enhanced efficiency



## TRANSMISSION

- ZF 6BP210 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 with variable piston pump for energy savings
- High-performance cylinders with counter balance valves for heavy-load grading

## SAFETY FEATURES



Reverse Camera for better visibility



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



Handrails on engine hood for safe access to maintenance areas



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

# G9190Hi

## 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

- Advanced load sensing hydraulics & steering system
- Variable displacement pump
- Smooth operating levers

### CABIN

- Spacious ROPS / FOPS Certified A/c Cabin
- Cabin Fan
- 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 Rear Axles
- Reinforced drive shafts
- Reliable Full hydraulic brake

\*The illustration may include optional equipment.



# G9190Hi - Technical Specifications

## Standard Equipment



### Engine

Engine model	WP8G203E671
Engine type	In-line, water-cooled, four-stroke, direct injection
Rated Engine Power (hp)	200 @ 2200 rpm
Maximum torque (N.m)	990 @ 1500 rpm
Displacement (ml)	7800
Number of cylinders	6
Bore / stroke (mm)	110 / 136

### Transmission System

Make & Model	ZF & 6BP210
Type	Automatic power shift, Counter- shaft
No. of gears	F6 and R3
Torque converter	Single stage, single phase ternary parts
Machine Speed (Km/h)	0~5.5 / 8.5 / 13.5 / 20 / 20.5 / 42
F1, F2, F3, F4, F5, F6	
Machine speed R1, R2, R3	0~5.6 / 14/ 31

### Rear Axle & Tandem

Make	SDLG
Ground clearance (mm)	430
Differential	No slip
Oscillation (°)	±15

### Front Axle

Oscillation (°)	±16
Wheel Lean (°)	±18
Ground Clearance (mm)	610

### Hydraulic system

Type	Load sensing
Pump	variable piston pump
Rated Flow (LPM)	113
Rated pressure (mpa)	20 ± 0.35

### Steering system

Type	Load sensing
Steering angle (°)	±50
Turning radius (mm)	7600

### 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	106

### Electrical System

Volatage	24V
Batteries	2

### Tyres

Tyre size	17.5 x 25 Ply rating 16PR
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### Moldboard Turn Circles & Blade Range

Moldboard lift above ground	445
Blade width (mm)	635
Balce length (mm)	3658
Blade tilt angle (°)	90
Blade down force (kgf)	7800
Blade slewing angle (°)	360
Cutting diameter (mm)	1626
Blade max. depth in ground (mm)	787

### Operating weight - Standard Machine

Front axle (Kg)	4700
Rear axle(Kg)	11500
Total machine (Kg)	16200

### 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

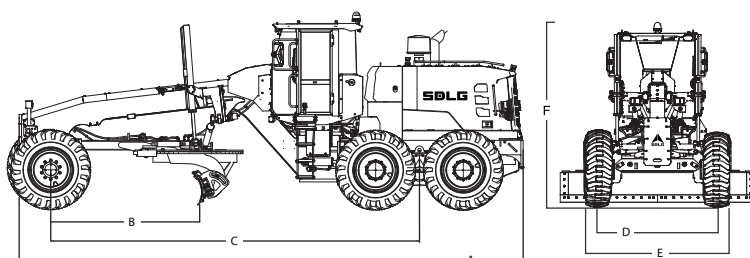
Description	Capacity	Change Interval
Engine Oil	22	Every 500 hours
Transmission Oil	28	First 50 & Every 1000 hours
Rear axle (including tandem)	69	First 50 & Every 1000 hours
Hydraulic Oil	132	Every 2000 hours
Coolant	30	Every 2000 hours

### Optional Attachments

Front dozer  
 Rear ripper  
 Mid mount scarifier

### Dimensions

A. Overall length (mm)	9095
B. Blade base (mm)	2569
C. Wheel base (mm)	6480
D. Wheel track (mm)	2270
E. Overall width (mm)	2710
F. Overall height (mm)	3477



# 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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Coverage: Delhi-NCR, Haryana,  
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(including NCL Singrauli)  
Dealer Partners: Mr. Sachin Chilana,  
Mr. Vishal Parmami  
Phone: +91 98738 38862, +91  
98732 52266  
Email:  
sachin.chilana@timeequipment.co.in  
vishal.parmami@timeequipment.co.in

### BSIES INDIA PRIVATE LIMITED

N.H. 8, Ahmedabad Main Road,  
Goverdhan Vilas, Udaipur - 313 001.  
Rajasthan  
Coverage: Southern Rajasthan  
Dealer Partner: Mr. Kedar Singh Rathore  
Ph #: +919829041246, +919928338553  
Email: ksrathore@bsiesindia.com,  
dhrurvraj@bsiesindia.com

### ESDEE SOLUTECH

322, Officers Campus Extension,  
Vaishali Nagar, 200 Feet Bypass, Jaipur  
- 302012. Rajasthan  
Coverage: Northern Rajasthan  
Dealer Partner: Mr. O P Dawar  
Ph #: +919636076000  
Email: op.dawar@esdeesolutech.net

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Patiala Road, Zirakpur, Distt Mohali.  
Punjab-140603. Chandigarh  
Sewa Complex, National Highway,  
Gangyal, Jammu – 180010. Jammu,  
Kashmir (J&K)  
Coverage: STATES of Jammu, Kashmir,  
Himachal Pradesh, Punjab and  
Chandigarh  
Dealer Partner: Mr. Nishant Luthra  
Ph #: +919811042580, +917087036541  
Email: nishantluthra@luthragroup.net,  
sales.palinfra@luthragroup.net

## East

### INFRA EQUIP PVT. LTD.

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Mr. Naren Pandey  
Ph: +91- 70701 92500  
Email: sales.support@infraequip.com

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Industrial Estate, Bhubaneswar-751010.  
Odisha  
Coverage: STATE of Odisha  
Dealer Partner: Mr. Dilip Kumar Tripathy  
Ph. # +919583072667; +917735065864  
Email: dilip@pollutech.in

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Reliance Trends Building,  
Near Central Mall,  
G.S Road, Christianbasti, Guwahati –  
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Meghalaya, Nagaland, Mizoram, Arunachal  
Pradesh, and Manipur  
Dealer Partner: Ms. Amita Bhuwalka  
Ph # +919954089208  
Email: amitabhhuwalka@suchitagroup.com

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West Bengal.  
Coverage: States of West Bengal and Sikkim  
Dealer Partner: Mr. Raghupati Bhuwalka  
Ph # +919903960633, +91 33 2219  
7951, 7952, 3183, +919801370734,  
+917596068773  
Email: raghupatibhuwalka@suchitagroup.com

### SUCHITA MILLENNIUM PROJECTS PVT. LTD. (BH)

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Petrol Pump, Baahri Dhabalpur, Chainpura  
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Thanapatna City, Patna. Bihar - 800 009.  
Coverage: States of Bihar  
Dealer Partner: Mr. Raghupati Bhuwalka  
Ph # +919801370734 +917596068773  
Email: raghupatibhuwalka@suchitagroup.com,  
santoshsingh@suchitagroup.com

## West

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1, Khanda Colony, Panvel (W),  
Navi Mumbai, Maharashtra - 410206  
Coverage: Northern Maharashtra  
Dealer Partner: Mr. Divish Sabhlok  
Ph # +919899793431, +919625202621  
Email: divish.sabhlok@drsgroupindia.com,  
divishsabhlok14@gmail.com,  
vishal.poria@drsgroupindia.com

### NAVIN INFRA SOLUTIONS PVT. LTD.

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452010. Madhya Pradesh  
Coverage: State of Madhya Pradesh  
Dealer Partner: Mr. Navin Bhandari,  
Ms. Seema Bhandari, Mr. Nilesh Bhandari  
Ph # +919300077300, +919302555002,  
+919302477346, +919300077308  
Email: navinbhandari@navininfra.com,  
salesco@navininfra.com,  
seemabhandari@navininfra.com,  
nileshbhandari@navininfra.com

### SVP MINING TECHNOLOGIES PRIVATE LIMITED

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Coverage: State of Chhattisgarh  
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Ph # +919970322222, +918435005500  
Email: pramod@svpgroup.net

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Coverage: Southern Maharashtra and Goa  
Dealer Partner: Mr. Ajit Bafna, Mr. Shridhar Bhat,  
Mr. Anand Rajore  
Ph # +919370145680, +919370145660, +919822033202  
Email: ajit@teamengineers.co.in,  
srb@teamengineers.co.in,  
anand.rajore@teameng.co.in

### WEST INDIA EQUIPMENT'S PVT. LTD.

Survey No. :109/129, Opp.Gokuldharm Society,  
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Ulariya, Ahmedabad - 382 210. GUJARAT.  
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Daman and Diu  
Dealer Partner: Mr. Jesal Suresh Vora,  
Mr. Aashish Khurana  
Ph # +919825609097; +919879535995  
Email: jesal.vora@gmail.com,  
jesal@westindiaequip.com,  
khurana.aashish@gmail.com

### SUCHITA EQUIP PRIVATE LIMITED

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Behind Saat Hanuman Temple,  
Rudra Transport Nagar  
Rajkot, District: Rajkot  
Gujarat – 360 003  
Dealer Partner: Mr. Raghupati Bhuwalka  
Mr. Samar Bais - CEO  
Cell#: +919903960630  
Email: samarbais@suchitagroup.com

## South

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Andaman Nicobar, Lakshadweep Islands  
Dealer Partner: Mr. Siddarth Raman  
Ph # +919884757350  
Email: siddarth.raman@actind.com

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COCHIN, Kerala  
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Ph # +919995922350  
Email: siddarth.raman@pactmachines.com

### RAMANAND POWER SYSTEMS PVT. LTD.

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034. Telangana  
Coverage: State of Telangana  
Dealer Partner: Mr. Rama Rao,  
Mr. Anand Anumolu, Mr. Nagarajuna Mandava  
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+919990975051  
Email: sreeram@ramanand.co.in,  
anand@ramanand.co.in,  
nagarajuna@ramanand.co.in

### RAMANAND POWER SYSTEMS PVT. LTD. - (AP)

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Rajeswari Nilayam, KS Ramarao Street,  
Moghalraipuram, Vijayawada, Andhra Pradesh  
- 520010  
Coverage: State of Andhra Pradesh  
Dealer Partner: Mr. Rama Rao, Mr. Anand  
Anumolu, Mr. Nagarajuna Mandava  
Ph #: +919845150173, +919492054224,  
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