



G9240F

Motor Grader

**Grading the way for
relentless productivity.**



Gross Power: 240 hp @ 2200rpm

Operating Weight: 18000 KG

Your Reliable Partner

G9240F

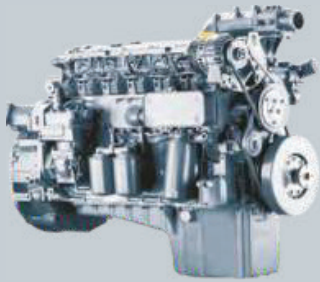
Motor Grader

Grading the way for relentless productivity.

Power Your Long Term Profit

The SDLG G9240F Mining Grader is engineered to maintain the highest standards of haul road hygiene, protecting your hauler fleet and accelerating cycle times in the toughest mining environments. By keeping your haul roads in superior condition, it prevents premature tire damage and structural fatigue on your haulers. Set the stage for unyielding productivity, maximum hauler uptime, and long-term profit with the G9240F.





Efficient Electronic Engine
Turbo charged electronically controlled fuel efficient and high performing engine.



ZF 6WG200
Automatic Powershift Transmission with 6-forward, 3-reverse.



Rear Axle
World-class proven SDLG axles for high reliability and long better life.

Moldboard
Standard moldboard llength is 14ft
The blade can then move after loosening the surface for excellent finish, and all in a single pass. The V-type scarifier can accomodate 5 to 11 teeth.



Rear Ripper
The G9240F optional ripper is made to penetrate material fast and smooth thoroughly.



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Motor Grader

FUEL EFFICIENT, HIGH PERFORMANCE ENGINE

- Electronically controlled turbocharged 6-cylinder engine
- Variable HP Control Switch
- 4 different working modes result in better performance and better fuel consumption in various working conditions and applications

ZF POWER SHIFT AUTOMATIC TRANSMISSION

- ZF electro-hydraulic control shifting and high comfort
- Six forward, three reverse

CRUISE CONTROL

- G9240F is equipped with automatic cruise control, that can relieve operators fatigue resulting in higher productivity.

HYDRAULIC SYSTEM

- Load sensing hydraulic system for better efficiency
- High performance hydraulic cylinders connected with best and heavy duty hoses
- Excellent hydraulic sealing
- Hydraulically operated lock pin ensures easy operation during bank and canal slope cutting
- Standard blade overload protection system to protect the system in case of excess load



ATTACHMENTS

- By means of hydraulically operated standard and optional attachments G9240F can be used in varied applications

EASY MAINTENANCE

- Easily accessed hatches and service points
- Tightly grouped pressure checked connection
- Easily accessed lubrication points give more time for productive work
- Ergonomically designed ladder and hand rails with anti-slip steps for greater safety

IN-HOUSE MANUFACTURED COMPONENTS

- SDLG's in-house manufactured Drawbar and centre circle are tailored to work together resulting in greater productivity.



SDLG FRAMES

- SDLG patented design front and rear frame structure ensures load sharing between front and rear frames
- High-quality steel provides stress resistance and operational stability
- Well-organised articulation joint provides visual appeal and reliability

CABIN

- ROPS / FOPS Certified AC Cabin
- Easily accessed hatches and service points
- Tightly grouped pressure checked connection
- Ergonomically designed ladder and hand rails with anti-slip steps for greater safety

MOULDBOARD

- SDLG mouldboards are designed to provide superior productivity, high reliability and long life cutting edges
- Hardened side cutting edges provide excellent durability and life

OPTIONAL ATTACHMENTS

- Front Utility Dozer Blade
- Rear Mount Ripper

*The illustration may include optional equipment.

G9240F - Technical Specifications

Standard Equipment

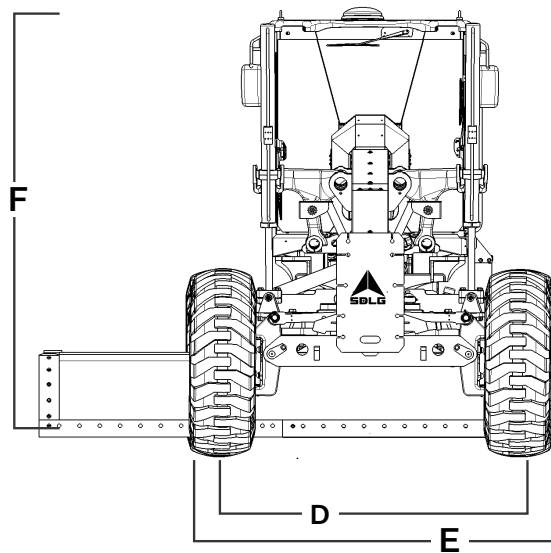
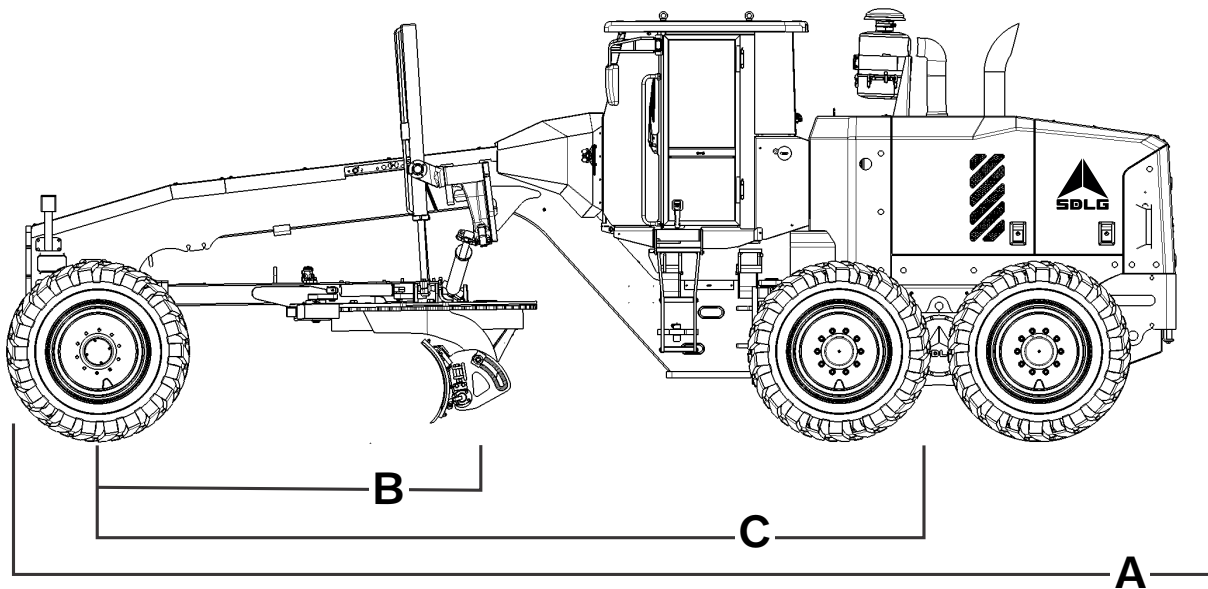
Engine	
Engine model	BF6M1013-24T3R
Engine type	In-line, water-cooled, four-stroke, direct injection
Rated Engine Power (hp)	240 @ 2200 rpm
Maximum torque (N.m)	950 @ 1600 rpm
Displacement (ml)	7146
Number of cylinders	6
Bore / stroke (mm)	108 / 130
Transmission System	
Make & Model	ZF & 6WG200
Type	Automatic power shift / counter shaft
No. of gears	F6 and R3
Torque converter	Single-stage, single phase ternary part
Machine speed F1/F2/F3/F4 /F5/F6 (km/h)	0~5 / 9 / 12 / 20.5 / 25.5 / 39
Machine speed R1/R2/R3 (km/h)	0~5 / 12 / 25.5
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)	75
Rated pressure	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	Mechanically control on transmission

Operating Weight	
Front Axle	5400
Rear Axle	12600
Total machine	18000
Cabin	
AC	Standard with dual filters
Operator seat	Mechanical suspension seat
Music system	MP3 player with bluetooth mobile connection
Seatbelt	Standard
Noise dB	
Operator ear level	74
Pass by	107
Electrical System	
Voltage	24V
Batteries	2
Tyres	
Tyre size	17.5 - 25 Ply rating 16PR
Moldboard Turn Circles & Blade Range	
Moldboard lift above ground	445
Blade width (mm)	635
Blade length (mm)	4268
Blade tilt angle (°)	90
Blade down force (kgf)	8947
Blade slewing angle (°)	360
Cutting diameter (mm)	1626
Blade max. depth in ground (mm)	787
Standard features	
ROPS / FOPS Certified AC cabin	
Blade Overload Protection System	
LED working lights	
Perforated steps	
Backup Alarm	
Wiper	
Automatic Cruise Control	
SDLG Telematics system with Mobile App	
Cyclone pre cleaner	
Extra LED lights on the rear hood	
Adjustable steering column	
Rotating beacon light, Safety hand rails on the engine hood	

Refill Capacities		
Description	Capacity	Change Interval
Engine Oil	26	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)	9800
B. Blade base (mm)	2569
C. Wheel base (mm)	6480
D. Wheel track (mm)	2270
E. Overall width (mm)	2710
F. Overall height (mm)	3240



Your reliable partner

Motor Grader G9240F / July 2026



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We reserve the right to change specifications and design without prior notice.
The illustrations do not necessarily show the standard version of the machine.