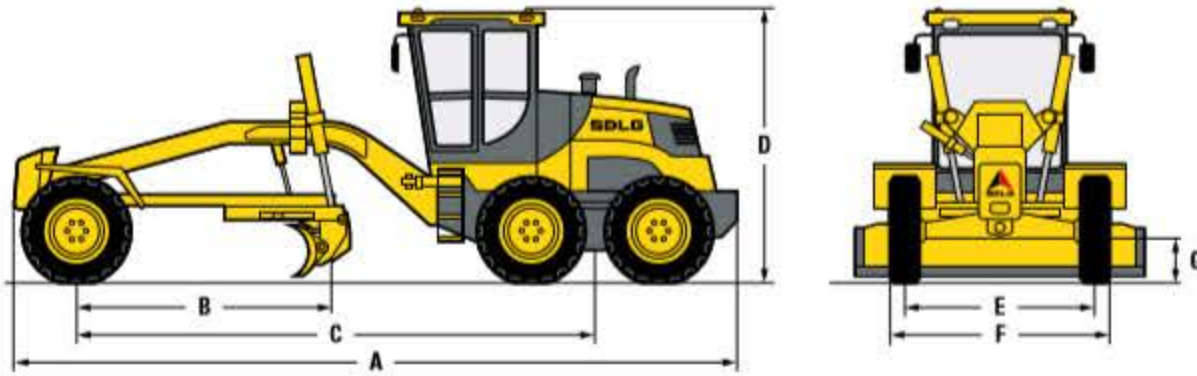


Motor Grader G9290: specifications



Description	Specification
Dimensions	
A. Overall length	10 170 mm
B. Blade base (ISO 7134)	2 850 mm
C. Wheel base	7 080 mm
D. Overall height	3 090 mm
E. Width - front tire center lines	2 390 mm
F. Width - outside tires	2 910 mm
G. Front axle ground clearance	610 mm
Operating weight	
Base operating weight	22 900 kg
Over front wheels	6 600 kg
Over rear wheels	16 300 kg
Attachment weights	
Push block	450 kg
Parallel rear ripper	2581.5 kg
Dozer blade (10 feet)	1 398 kg
Moldboard	
Width	4 267 mm / 14 ft
Slide distance (left / right)	673 mm
Maximum bank sloping angle	90°
7-position blade control system	Yes
Maximum ground clearance	450 mm
Cutting depth	825 mm
Tilt forward	40°
Tilt backward	5°
Productivity	
Blade pull @ 0.9	14 850 kg
Blade down force	10 545 kg

Description	Specification
Brakes	
Service brakes	Full hydraulic double loop drum brake system
Parking brake	Hydraulic release spring applied
Hydraulic pumps	
Piston pump	1 for working
Gear pump	1 for brake, 1 for radiator
Output	210 L/min
Standby pressure	2.5 Mpa
Capacities	
Fuel tank	410 L
Transmission	60 L
Final drive	23 L
Tandems (each)	26 L
Hydraulic oil tank	120 L
Engine oil	53.5 L
Coolant	40 L

Description	Specification
Engine	
Make	Volvo
Model	SD130B
Type	Electronic injection
Rated power	211 kW @ 2 100
Variable Horse Power	Automatic
Number of cylinders	6
Bore and stroke	131 / 156 mm
Displacement	12 609 ml
Emission standard	Stage III
Transmission	
Make and model	Volvo HTE840S
Type	Automatic
Cruise control	Yes
Forward gear 1, maximum speed	3.8 km/h
Forward gear 2, maximum speed	5.3 km/h
Forward gear 3, maximum speed	7.5 km/h
Forward gear 4, maximum speed	10.4 km/h
Forward gear 5, maximum speed	14.8 km/h
Forward gear 6, maximum speed	22.7 km/h
Forward gear 7, maximum speed	31.8 km/h
Forward gear 8, maximum speed	44.2 km/h
Reverse gear 1, maximum speed	3.6 km/h
Reverse gear 2, maximum speed	7.4 km/h
Reverse gear 3, maximum speed	14.7 km/h
Reverse gear 4, maximum speed	30.5 km/h
Wheels	
Tire size	20.5 - 25
Ply rating	16
Rim size	17.00 - 25 mm

Description	Specification
Front axle and articulation	
Front wheel lean	18°
Oscillation	+/- 16°
Ground clearance	670 mm
Minimum turning radius	8 250 mm
Steering arc	50°
Frame articulation	21°
Tandem	
Oscillation	+/- 15°
Circle	
Pitch diameter	1 626 mm
Adjustable circle wear plates	5
Circle Drive System	
The SDLG dual gear Circle Drive System uses direct acting hydraulic power for exceptional turning and holding capability under full load. Circle Drive System uses two hardened drive pinions.	