



Engine	Cummins L9PLUST3-240A1
Rated Power	240 kW (322 hp / 326 ps) @ 2,100 rpm
Blade Width	4,573 mm
Maximum Speed	38 km/h
Draw Bar Pull	160 kN
Operating Weight	31,300 kg

4320D MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4320D SPECIFICATIONS >>>

ENGINE

Emission Regulation	Stage III
Manufacturer	Cummins
Model	L9PLUST3-240A1
Rated Power	240 kW (322 hp / 326 ps) @ 2,100 rpm
Maximum Torque	1,800 N·m @ 1,200 -1,400 rpm
Number of Cylinders	6
Aspiration	Turbo & Air-to-Air Intercooled

TRANSMISSION

Transmission Type	HST
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	38 km/h
Number of Speeds, fwd	8
Number of Speeds, rev	6

AXLES

Differential Type	Limited Slip Standard
Final Drive Type	Chain Drive
Axle Oscillation	± 16°
Front Axle, Wheel Lean Angle	Left / Right 18°

STEERING

Steering Configuration	Load Sensor Steering Gear
Steering Relief Pressure	17.5 MPa
Minimum Turning Radius	9,000 mm
Steering Angle	± 48°
Frame Articulation Angle	± 23°

BRAKES

Service Brake Type	Wet Brake
Service Brake Location	Rear Axle

TIRES

Tire Size	20.5 - 25
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HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	24 MPa
Main Pump Flow	270 L/min

WORKING CAPACITIES

Maximum Draw Pull	160 kN
Cutting Pressure	15,000 kg

TANDEM DRIVE PERFORMANCE

Height	955 mm
Width	208 mm
Center Distance	1,898 mm

MOLDBOARD PERFORMANCE

Bank Cut Angle	48 - 94°
Moldboard Lift Above Ground	425 mm
Moldboard Side Shift, left / right	873 / 727 mm
Maximum Sloping Angle	65°
Cutting Depth	565 mm
Circle Rotation	360°
Circle Diameter	1,820 mm
Circle Thickness	200 mm

DIMENSIONS

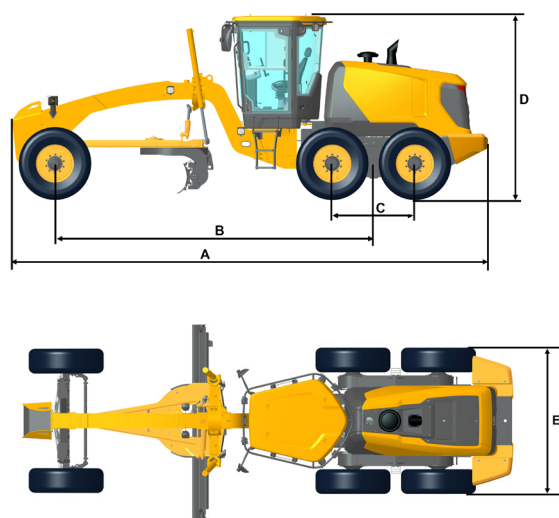
A Length - Counterweight to Rear of Machine	11,463 mm
B Length - Front Axle to Mid Tandem	7,665 mm
C Length - between Tandem Axles	1,898 mm
D Overall Height	3,972 mm
E Overall Width	3,380 mm
Clearance under Front Axle	600 mm
Moldboard Standard Width	4,573 mm
Moldboard Standard Thickness	25 mm
Moldboard Standard Height	687 mm

OPERATING WEIGHTS

Operating Weight	31,300 kg
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SERVICE CAPACITIES

Fuel Tank	586 L
Engine Oil	28 L
Cooling System	45 L
Hydraulic System	200 L
Transmission and Torque Converter	10 L
Tandems, Centre, Left, Right, Wheel Hub×4	33, 105, 105, 12.5 × 4 L



Unit : mm

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

09/2026 Designed by LiuGong
Replaced the previous versions of 03/2026