



Engine	Cummins QSL9.3
Rated Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Blade Width	3,960 mm
Maximum Speed	40 km/h
Draw Bar Pull	99 kN
Operating Weight	18,000 kg

4230D MOTOR GRADER

4230D SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSL9.3
Rated Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Maximum Torque	1,186 N·m
Number of Cylinders	6
Aspiration	Turbo & air-to-air intercooled

TRANSMISSION

Transmission Type	Power shift
Torque Converter	Three - member single turbine
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	26.2 km/h
Number of Speeds, fwd	6
Number of Speeds, rev	3

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	16.7 MPa
Minimum Turning Radius	7,200 mm
Steering Angle	±50°
Frame Articulation Angle	±27°

BRAKES

Service Brake Type	Disk
Service Brake Location	Rear axle

TIRES

Tire Size	17.5-25
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HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	20 MPa
Main Pump Flow	122 L/min

WORKING CAPACITIES

Maximum Draw Pull	99 kN
Cutting Pressure	8,750 kg

TANDEM DRIVE PERFORMANCE

Height	600 mm
Width	210 mm
Center Distance	1,538 mm

MOLDBOARD PERFORMANCE

Bank Cut Angle	28~74°
Moldboard Lift Above Ground	600 mm
Moldboard Side Shift, left/right	660 / 740 mm
Maximum Sloping Angle	90°
Cutting Depth	680 mm
Circle Rotation	360°
Circle Diameter	1,455 mm
Circle Thickness	140 mm

DIMENSIONS

Wheelbase	6,230 mm
Overall Length	9,140 mm
Overall Height with Cab	3,380 mm
Clearance under Front Axle	602 mm
Moldboard Standard Length	3,960 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	610 mm

OPERATING WEIGHTS

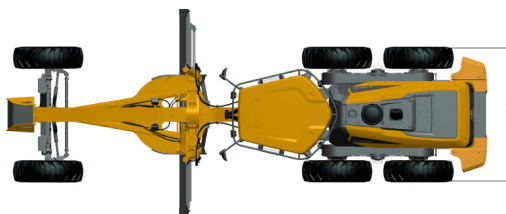
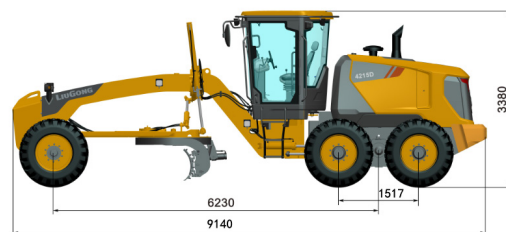
Operating Weight	18,000 kg
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SERVICE CAPACITIES

Fuel Tank	348 L
Engine Oil	21 L
Cooling System	35 L
Hydraulic Reservoir	115 L
Transmission and Torque Converter	33 L
Tandems, each	40 L

OPTIONAL EQUIPMENT

- Rear Ripper
- Front Dozer
- Automatic Leveling System
- Rotary Beacon
- Frictional Flake Worm Box



Unit : mm

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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.

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Replace the previous versions of 01/2022