



Engine	Cummins B6.7
Rated Power	168 kW (225 hp / 228 ps) @ 2,200 rpm
Blade Width	4,270 mm (14')
Maximum Speed	44 km/h (27.3 mph)
Draw Bar Pull	98 kN (22,031 lbf)
Operating Weight	18,000 kg (39,683 lbs)

4215D MOTOR GRADER

4215D SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 4f / Stage V
Make	Cummins
Model	B6.7
Rated Power	168 kW (225 hp / 228 ps) @ 2,200 rpm
Maximum Torque	1,186 N·m (874.8 lbf·ft) @ 1,300 rpm
Number of Cylinders	6
Aspiration	Turbo & air-to-air intercooled

TRANSMISSION

Transmission Type	Power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	44 km/h (27.3 mph)
Maximum Travel Speed, rev	32 km/h (19.9 mph)
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 sensing steering
Steering Relief Pressure	16.7 MPa (2,422 psi)
Minimum Turning Radius	7,200 mm (23'7")
Steering Angle	± 45°
Frame Articulation Angle	± 27°

BRAKES

Service Brake Type	Dual circuit Wet brake
Service Brake Location	Rear axle

TIRES

Tire Size	17.5-25
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HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	21 MPa (3,046 psi)
Main Pump Flow	158 L/min (41.74 gal/min)

WORKING CAPACITIES

Maximum Draw Pull	98 kN (22,031 lbf)
Cutting Pressure	8,750 kg (19,290 lbs)

TANDEM DRIVE PERFORMANCE

Height	648 mm (2'2")
Width	226 mm (8.9")
Center Distance	1,517 mm (4'12")

MOLDBOARD PERFORMANCE

Bank Cut Angle	28-74°
Moldboard Lift Above Ground	600 mm (1'12")
Moldboard Side Shift, left/right	660 / 740 mm (2'2"/2'5")
Maximum Sloping Angle	90°
Cutting Depth	680 mm (2'3")
Circle Rotation	360°
Circle Diameter	1,455 mm (4'9")
Circle Thickness	140 mm (5.5")

DIMENSIONS

Wheelbase	6,230 mm (20'5")
Overall Length	9,220 mm (30'3")
Overall Width	2,675 mm (8'9")
Overall Height with Cab	3,490 mm (11'5")
Clearance under Front Axle	602 mm (1'12")
Moldboard Standard Length	4,270 mm (14')
Moldboard Standard Thickness	25 mm (1")
Moldboard Standard Height	610 mm (2')

OPERATING WEIGHTS

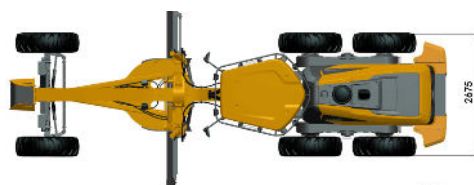
Operating Weight	18,000 kg (39,683 lbs)
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SERVICE CAPACITIES

Fuel Tank	322 L (85.06 gal)
Engine Oil	18 L (4.76 gal)
Cooling System	40 L (10.57 gal)
Hydraulic Reservoir	115 L (30.38 gal)
Transmission and Torque Converter	27 L (7.13 gal)
Tandems, each	90 L (23.78 gal)

OPTIONAL EQUIPMENT

Rear Ripper
Front Dozer
Automatic Leveling System
Rotary Beacon



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.

01/2024 Designed by LiuGong
Replace the previous versions of 10/2023