



Engine	Cummins 6LTAA9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Blade Width	4,270 mm
Maximum Speed	42 km/h
Draw Bar Pull	85 kN
Operating Weight	16,500 kg

4215D MOTOR GRADER

4215D SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTAA9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Maximum Torque	984 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	42 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	Shoe
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	85 kN
Cutting Pressure	8,150 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	570 mm
Moldboard Side Shift, right / left	635 / 765 mm
Maximum Sloping Angle	90°
Cutting Depth	736 mm
Circle Rotation	360°
Circle Diameter	1,455 mm
Circle Thickness	140 mm

DIMENSIONS

Wheelbase	6,230 mm
Overall Length	9,090 mm
Overall Height with Cab	3,380 mm
Clearance under Front Axle	602 mm
Moldboard Standard Length	4,270 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	645 mm

OPERATING WEIGHTS

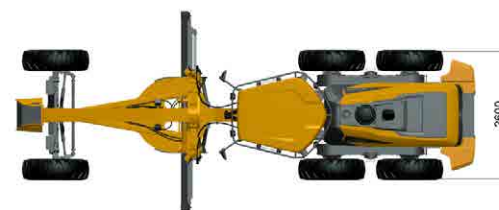
Operating Weight	16,500 kg
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SERVICE CAPACITIES

Fuel Tank	348 L
Engine Oil	19 L
Cooling System	35 L
Hydraulic Reservoir	165 L
Transmission and Torque Converter	33 L
Tandems, each	26 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.

04/2020 Designed by LiuGong
Replace the previous versions of 09/2019