

Engine	Cummins 6CTA8.3
Rated Power	240 hp @ 2,200 rpm
Net Power	155 kW (208 hp) @ 2,200 rpm
Blade Width	4,270 mm
Maximum Speed	42 km/h
Draw Bar Pull	91 kN
Operating Weight	18,000 kg

# 4230

MOTOR GRADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 4230 SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Dongfeng Cummins
Model	6CTA8.3
Rate Power	240 hp @ 2,200 rpm
Net Power	155 kW (208 hp) @ 2,200 rpm
Peak Torque	1003 N. m @ 1,500 rpm
Torque Rise %	34 %
Number of Cylinders	6
Aspiration	Turbo air-to-air aftercooled

## TRANSMISSION

Transmission Type	Power shift
Transmission Configuration	6f / 3r
Torque Converter	Three - member single turbine
Maximum Travel Speed, fwd	42 km/h
Maximum Travel Speed, rev	26 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	15°
Front Axle Type	All welded steel frame
Front Axle, Wheel Lean Angle	Left / right 17°

## STEERING

Steering Relief Pressure	16.7±0.5 MPa
Minimum Turning Radius	7,800 mm
Steering Angle	±45°
Frame Articulation Angle	±20°

## BRAKES

Service Brake Type	Shoe
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## TIRES

Tire Size	17.5-25
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## HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18±0.5 MPa
Pilot Pump Flow	147 L/min

## TANDEM DRIVE PERFORMANCE

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

## MOLDBOARD PERFORMANCE

Bank Cut Angle	40~70°
Moldboard Lift Above Ground	450 mm
Moldboard Side Shift, right / left	788 / 613 mm

Maximum Sloping Angle	90°
Moldboard Standard Length	4,270 mm
Cutting Depth	555 mm
Circle Rotation	360°
Circle Diameter	1,455 mm

## WORKING CAPACITIES

Maximum Draw Pull	91 kN
Cutting Pressure	7,910 kg

## DIMENSIONS

Wheelbase	6,230 mm
Overall Length	9,265 mm
Overall Height with Cab	3,500 mm
Clearance under Front Axle	570 mm

## OPERATING WEIGHTS

Operating Weight	18,000 kg
On Front Wheels	5,010 kg
On Rear Wheels	11,690 kg

## SERVICE CAPACITIES

Fuel Tank	270 L
Engine Oil	18 L
Cooling System	45 L
Hydraulic Reservoir	186 L
Transmission And Torque Converter	45 L
Tandems, Each	37.5 L

## OPTIONAL EQUIPMENT

Rear Ripper  
Front Dozer  
Ultrasonic Automatic Leveling System  
Rotary Beacon  
ROPS/FOPS  
Frictional flake worm box  
G2 tyre & Radial & Tubeless tyre

