

Engine	Cummins 6LTAA8.9
Rated Power	179 kW (243 hp) @ 2,200 rpm
Net Power	162 kW (220 hp) @ 2,200 rpm
Blade Width	4,572 mm
Maximum Speed	36.6 km/h
Draw Bar Pull	100 kN
Operating Weight	19,500 kg

425-4WD MOTOR GRADER



TOUGH WORLD. TOUGH EQUIPMENT.

425-4WD SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Model	Cummins 6LTAA8.9
Rated Power	179 kW (243 hp) @ 2,200 rpm
Net Power	162 kW (220 hp) @ 2,200 rpm
Number of Cylinders	6
Aspiration	Turbo air-to-air aftercooled

TRANSMISSION

Transmission Type	Power shift
Torque Converter	Three-member single turbine
Maximum Travel Speed, fwd	36.6 km/h
Maximum Travel Speed, rev	23 km/h
Number of Speeds, fwd/rev	6F/3R

AXLES

Differential Type	Locking
Final Drive Type	Geared tandem
Axle Oscillation	15°
Front Axle Type	All welded steel frame
Front Axle, Wheel Lean Angle	Left / right 17°

TANDEM DRIVE PERFORMANCE

Height	610 mm
Width	210 mm
Center Distance	1,632 mm

STEERING

Steering Configuration	Load sensor steering gear
Steering Relief Pressure	10.7 ± 0.5 MPa
Minimum Turning Radius	8,000 mm
Steering Angle	±50°
Frame Articulation Angle	±20°

BRAKES

Service Brake Type	Wet multi disc
Service Brake Location	Rear axle

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 ± 0.5 MPa
Pilot Pump Flow	142 L/min

SERVICE CAPACITIES

Fuel Tank	373 L
Engine Oil	27.6 L
Cooling System	45 L
Hydraulic Reservoir	186 L
Transmission & Torque Converter	45 L
Tandems, Each	50 L

TIRES

Tire Size	20.5 - 25
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MOLDBOARD PERFORMANCE

Bank Cut Angle	40~70°
Moldboard Lift Above Ground	305 mm
Side Shift, right / left	725 / 675 mm
Maximum Sloping Angle	90°
Cutting Depth	650 mm
Circle Rotation	360°
Circle Diameter	1,576 mm
Circle Thickness	150 mm

DIMENSIONS

Wheelbase	6,520 mm
Overall Length	9,570 mm
Overall Height with Cab	3,460 mm
Clearance under Front Axle	695 mm
Moldboard Standard Length	4,572 mm
Moldboard Standard Thickness	25 mm
Moldboard Standard Height	680 mm

OPERATING WEIGHTS

Operating Weight	19,500 kg
On Front Wheels	5,850 kg
On Rear Wheels	13,650 kg

WORKING CAPACITIES

Maximum Draw Pull	100 kN
Cutting Pressure	9,100 kg

OPTIONAL EQUIPMENT

Rear Ripper | Palembang | Bengkulu | Balikpapan | Banjarmasin
 Front Dozer
 Automatic Leveling System
 Rotary Beacon

