

| | |
|------------------|-----------------------------|
| Engine | Cummins 6LTAA8.9 |
| Rated Power | 179 kW (240 hp) @ 2,200 rpm |
| Net Power | 162 kW (217 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 |
| Make | Cummins |
| Model | 6LTAA8.9 |
| Rated Power | 179 kW (240 hp) @ 2,200 rpm |
| Net Power | 162 kW (217 hp) @ 2,200 rpm |
| Peak Torque | 1,100 N • m @ 1,400 rpm |
| Torque Rise % | 30 % |
| 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 | 36.6 km/h |
| Maximum Travel Speed, rev | 23 km/h |
| Number of Speeds, fwd | 6 |
| Number of Speeds, rev | 3 |

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° |

STEERING

| | |
|--------------------------|---------------------------|
| Steering Configuration | load sensor steering gear |
| Steering Relief Pressure | 17 MPa |
| Minimum Turning Radius | 8,000 mm |
| Steering Angle | ±51° |
| Frame Articulation Angle | ±20° |

BRAKES

| | |
|------------------------|----------------|
| Service Brake Type | wet multi disc |
| Service Brake Location | rear axle |

TIRES

| | |
|-----------|-----------|
| Tire Size | 20.5 - 25 |
|-----------|-----------|

HYDRAULIC SYSTEM

| | |
|----------------------|-----------|
| Main Pump Type | gear |
| Main Relief Pressure | 18 MPa |
| Pilot Pump Flow | 126 L/min |

WORKING CAPACITIES

| | |
|-------------------|----------|
| Maximum Draw Pull | 100 kN |
| Cutting Pressure | 9,100 kg |

TANDEM DRIVE PERFORMANCE

| | |
|-------------------|----------|
| Height | 610 mm |
| Width | 210 mm |
| Center Distance | 1,592 mm |
| Oscillating Angle | ±13° |

MOLDBOARD PERFORMANCE

| | |
|------------------------------------|--------------|
| Bank Cut Angle | 40~70° |
| Moldboard Lift Above Ground | 405 mm |
| Moldboard Side Shift, right / left | 725 / 675 mm |
| Maximum Sloping Angle | 90° |
| Cutting Depth | 600 mm |
| Circle Rotation | 360° |
| Circle Diameter | 1,576 mm |
| Circle Thickness | 150 mm |

DIMENSIONS

| | |
|------------------------------|----------|
| Wheelbase | 6,520 mm |
| Overall Length | 9,588 mm |
| Overall Height with Cab | 3,636 mm |
| Clearance under Front Axle | 620 mm |
| Moldboard Standard Length | 4,572 mm |
| Moldboard Standard Thickness | 25 mm |
| Moldboard Standard Height | 680 mm |

OPERATING WEIGHTS

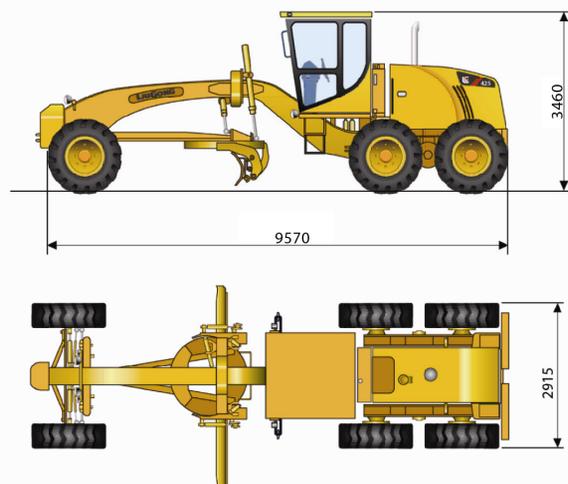
| | |
|------------------|-----------|
| Operating Weight | 19,500 kg |
| On Front Wheels | 5,850 kg |
| On Rear Wheels | 13,650 kg |

SERVICE CAPACITIES

| | |
|-----------------------------------|-------|
| Fuel Tank | 460 L |
| Engine Oil | 30 L |
| Cooling System | 60 L |
| Hydraulic Reservoir | 100 L |
| Transmission And Torque Converter | 45 L |
| Tandems, Each | 30 L |

OPTIONAL EQUIPMENT

| |
|---------------------------|
| Rear Ripper |
| Front Dozer |
| Automatic Leveling System |
| Rotary Beacon |



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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