

## Motor Grader



### Model: CDM1220

CDM1220 is a 220 horsepower motor grader. It is extensively used for flattening high grade road, industrial land and farmland. Besides, CDM1220 motor grader also can be used for scraping, earthmoving, snow plowing, etc.

### Features of CDM1220 Motor Grader:

1. Powerful and reliable Cummins engine 6CTA8.3 made in China.
2. Hydraulic shift transmission and HUSCO 5-position multi-valve for easier operation.
3. 3-section axle with "No-spin" differential provides exceptional rimpull.
4. Maintenance-free roll-type rotator of this motor grader with high stability and accuracy makes the engineering vehicle work normally even in rugged condition.
5. Radial linkage tool of this high power motor grader is rigid and wide in operating scope.
6. Single circuit hydraulic service brake and mechanical parking brake provide better safety.
7. Specially designed cab provides wide view.
8. Air conditioning and heating system provide good environment for operator.
9. Optional front blade and rear scarifier.

### Specifications of CDM1220 Motor Grader:

Operating weight	17200kg
Overall dimensions L*W*H(mm)	8900×2765×3525 (Standard)
	10900×2765×3525(with front blade and rear ripper)
Blade dimensions (L×W)	4267mm×650mm
Blade swing angle	360°
Max. tilting angle of blade (left/right)	90°
Max. digging depth of blade	550mm
Front-rear axle wheelbase	6362mm

### Tyre

Wheel rim	14.00/1.5-25
Tyre spec	17.5-25PR12

### Hydraulic torque converter-transmission

Transmission	Hydraulic gear shifting transmission
Max. travel speed	36km/h
Max. traction force (Attachment coefficient is 0.75KN)	89KN

### Engine of CDM1220 Motor Grader

Model	6CTA8.3
Rated power	160kw/215hp
Speed	2200r/min
Max. torque	908Nm/1500r/min

### Axle

Drive axle (type)	3-stage axle with "no-spin"differential
Driven axle (type)	Boxed oscillating steering front axle
Swing angle	±15°
Tilting angle of front wheel	±17°
Central ground clearance	630mm

### Steering system of CDM1220 Motor Grader

Steering angle	45°
Articulated steering	hydraulic driving, duo-cylinder function
Articulated angle	Left/Right 25°
Min. turning radius	External circle of front wheel 7.8m

### Brake system

Service brake	Full hydraulic brake system
Brake (Service brake)	Shoe-type brake
Parking brake (type)	Hoop brake, mechanical control

### Optional parts

Front blade	
Width×Height(mm)	2740×920
Max. digging depth(mm)	205
Rear ripper	
Ripping depth(mm)	2000
Max. depth of ripper teeth	315
Number of teeth	5

**Note:** The specification is subject to change for the modification without notice.