



Shaping the Future Together

CLG418III

Motor Grader

Rated Power	164kW
Operating Weight	15500kg



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Specifications

Base operating weight(standard equipment)

Includes all operating fluids and operator

Total	15500kg
On front wheels	4400kg
On rear wheels	11100kg

Weight adjustments for various options are listed

Working capacity(standard equipment)

Maximum draw pull	86kN
Cutting pressure	7800kN

Engine

Cummins QSB6.7

Rated power	164kW(220hp)
Peak torque	949Nm
Torque rise	33%
Cylinders-bore x stroke	6-107 x124mm
Displacement	6.7L

Transmission

ZF 6WG200

Type: counter shaft-type power shift, semi-automatic electrical hydraulic shifting control

Converter: single-stage , single-phase, three elements torque converter
Travel Speeds(km/h) (Cummins QSB6.7)

Forward	40.5km/h
Reverse	25 km/h

Differential & final drive

Self-locking unlocking 'No-Spin' differential;

The rear axle shell is hardened and is designed all-float.

Brakes

Service: Full hydraulic shoe brake, operating by foot.

Parking: Electromagnetic control, hydraulic release ,disc type.

Tandem drive

Height	642 mm
Width	210 mm
Thickness	inner wall: 20mm outer wall: 20mm
Center distance	1639mm
Oscillating angle	±15°

Tires

17.5-25

Front axle

All welded steer-frame structure

Wheel Lean angle	Left/right 17°
Oscillating	up/down 15°
Ground clearance	520mm

Steering

Hydrostatic power front wheel steering system

Min. turning radius	≤7800mm
Steering angle	±45°
Frame articulation angle	±20°

Hydraulics

Working pump	Variable piston pump
Max. pressure	21MPa
Output	136L@2300r/min

Circle

Diameter	1310 mm
Thickness	130 mm

Articulated structure

Two hydraulic cylinders actuate frame to articulate 20° left or right

Moldboard

Length	3960mm
Height (chord)	610mm

Blade life range

Blade slide	right: 725mm left: 675mm
Max. sloping angle	90°
Blade ground clearance	450mm
Blade cutting depth	555mm
Blade tilt range	40°~70°

Capacities

Fuel tank	230L
Hydraulic tank	186L
Transmission	45L
Crankcase	16L

Equipment

● Standard

▲ Optional

- Cummins QSB6.7
- Rockwell ' No. Spin' differential
- 17.5-25PR14(G-2) tires
- ▲ Rear ripper
- ▲ Leveling automatic system
- ZF6WG200 transmission
- Air conditioner
- ▲ Front dozer

Dimension (mm)

