

**DOMINANT  
MODERN  
POWERFUL**



**FMG 170**



[www.fineequipment.net](http://www.fineequipment.net)



## Specification

### Engine

Make	CUMMINS
Model	6BTA5.9
Gross power	173 HP@2500rpm
Peak torque	600 Nm @1500rpm
Number of cylinders	6
Apiration	Turbo Charged

### Axles

Differential type	No-spin Differential
Final drive type	Chain Drive
Wheel lean angle	±17 Degree
Front angle oscillation	±15°
Rear axle oscillation	±15°

### Transmission

Transmission make	ZF
Maximum travel speed Fwd	44.9 km/hr
Maximum travel speed reverse	30.55 km/hr
Number of speeds forward	6
Numner of speeds reverse	3

### Hydraulic system

Main pump type	Dual Pump
Main relief pressure	16±0.5MPa
Pump flow	70L/min

### Steering

Steering configuration	Full hydraulic steering
Steering relief pressure	15±1MPa
Steering pump type	Gear pump
Minimum turning radius	7.5m
Steering angle	±45° (Front wheel max. sterring)
Frame articulation angle	±25°

### Working capacities

Maximum Draw pull	72kN
Cutting pressure	70KN

### Brakes

Service brake type	Shoe
Service brake actuation	Hydraulic
Parking brake type	Hub Brake (Mechanically Operated)
Parking brake actuation	Drum Brake

### Mold Board Performance

Mold board Tilt Angle	36-66 Degree
Mold board Lift above ground	116mm
Maximum slope angle	90° (Left or Right)
Blade max <sup>m</sup> depth in ground	500mm
Circle diameter	1455mm
Circle thickness	140mm
Rotating Degree of Mold Board	360° (Angle of revolution)
Circle turn system	Yes

### Optional attachments

Rear Ripper
Front dozer
Auto matic levelling system
Scarifier

### Service capacities

Fuel tank	280L
Crank case	28L
Cooling system	30L
Hydraulic system	130L
Transmission & Torque convertor	28L
Tandem	23L(Each side)
Final drive	28L(Rear axle)

### Dimensions

A - Overall length	8500mm
B - Wheel base	5985mm
C - Mold board base	2380mm
D - Width front tyre centre line	2150mm
E - Width outside tyre	2600mm
F - Mold board standard width	3660mm
G - Over all height with cab	3400mm

### Cabin

FOPS /ROPS	Yes
Cabin operations	Yes
Display	Meter Display
Ergonomically designed	AC Cabin

### Electrical

Working voltage	24 volts
Batteries	Dry type

### Tandem drive performance

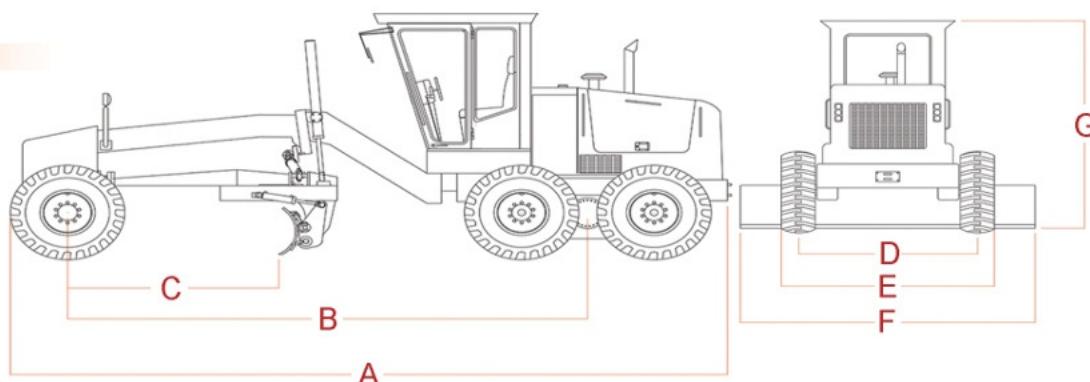
Oscillating distance	15 deg
Height	630 mm

### Operating weights

Operating weight	14000kg
On front axle	4200kg
On rear axle	9800kg

### Tyres

Tyre size	17.5-25 12PR
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### **Reliable structures**

The arch section of the grader frame is made to withstand not only the number of forces, but the highest magnitude of forces as well.

Fine FMG170 Series Motor Graders features a rugged box section rear frame design. This frame is designed to carry heavy loads applied by the rear attachments.

Adopting international thermoforming technology with "U"-box structure and strong anti-torque force, giving more durability to the front frame with longer life.



### **Ease of Maintenance.**

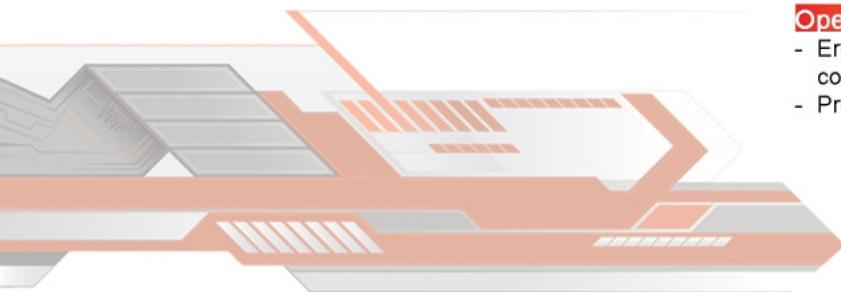
- Convenient and easy access to lubricating points filters, fluids and other service aspects.
- Proven After sales reliability and assurance by Fine network .

### **Operator comfort**

- Ergonomically designed AC cabin for maximum comfort and all round visibility .
- Promises Less operator fatigue .

### **Power Train**

- Powered with Cummins Engine India,
- World Renowned ZF transmission ensures smooth operations of the machine even in the most challenging condition(s).



**WHAT YOU  
WANTED IS  
WHAT WE  
DELIVERED**



**WE CARE**

*Raising Benchmarks of after sales support*

# **DOZEX EARTHMOVERS**

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**Dealers of Fine Equipments (India) Pvt. Ltd.**

- ◆ Mini Excavators
- ◆ Sand Wash Plant
- ◆ Quick Couplers
- ◆ Rock Breakers & Drills
- ◆ Motor Grader -173 HP
- ◆ Lubricants & Grease



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