

**WHAT YOU
WANTED IS
WHAT WE
DELIVERED**



WE CARE

Raising Benchmarks of after sales support

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**DOMINANT
MODERN
POWERFUL**



FMG 170



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Specification



Engine

| | |
|---------------------|-----------------|
| Make | CUMMINS |
| Model | 6BTA5.9 |
| Gross power | 173 HP@2500rpm |
| Peak torque | 660 Nm @1500rpm |
| Number of cylinders | 6 |
| Apiration | Turbo Charged |

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 |
| Number of speeds reverse | 3 |

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. steering) |
| Frame articulation angle | ±25° |

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™ depth in ground | 500mm |
| Circle diameter | 1455mm |
| Circle thickness | 140mm |
| Rotating Degree of Mold Board | 360° (Angle of revolution) |
| Turn Circle system | Covered |

Cabin

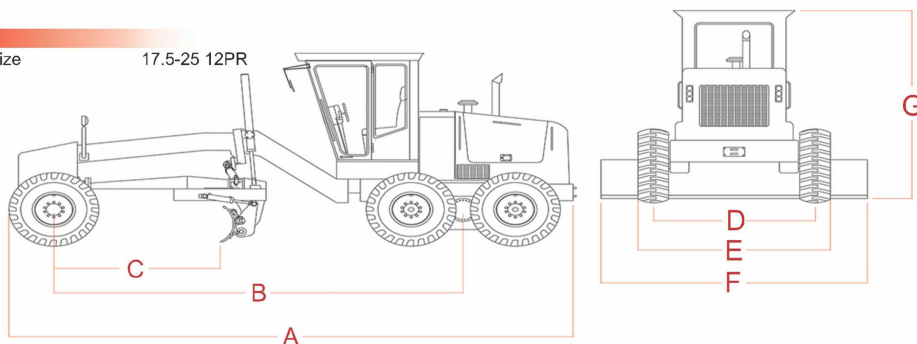
| | |
|------------------------|----------|
| FOPS /ROPS | Yes |
| Cabin operations | Yes |
| Ergonomically designed | AC Cabin |

Operating weights

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

Tyres

| | |
|-----------|--------------|
| Tyre size | 17.5-25 12PR |
|-----------|--------------|



Axles

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

Hydraulic system

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

Working capacities

| | |
|-------------------|------|
| Maximum Draw pull | 72kN |
| Cutting pressure | 70KN |

Brakes

| | |
|-------------------------|-----------------------------------|
| Service brake type | Disc (Front) |
| Service brake actuation | Hydraulic |
| Parking brake type | Hub Brake (Mechanically Operated) |
| Parking brake actuation | Drum Brake |

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 |

Power Train

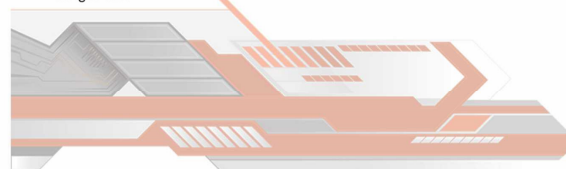
- Powered with Cummins Engine India,
- World Renowned ZF transmission ensures smooth operations of the machine even in the most challenging conditions.

Reliable structure

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

Fine FMG170 Motor Grader features a rugged C - Section frame design. This frame is designed to carry heavy loads with ease.

Adopting international thermoforming technology with "C" Shape structure and strong anti-torque force, gives 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 network reliability and assurance by Pan-India Fine network

Operator comfort

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

