

# Road Construction & Maintenance Machinery



## GR2153 Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR2153
- **Price:** \$100000.00-\$1000000.00 / EA
- **Delivery Time:** 1-90DAYS
- **Supply Capacity:** 1-500UNITS / Year
- **Product Origin:** China
- **After-sales Service:** Engineers available to service machinery overseas.

### Product Feature of GR2153 Motor Grader

The GR2153 motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. It is the necessary construction machinery for national defense construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

## Parameters of GR2153 Motor Grader

|                        | Item                                   | Unit   | GR2153                |
|------------------------|----------------------------------------|--------|-----------------------|
| Basic parameters       | Engine model                           |        | QSB6.7                |
|                        | Rated power/speed                      | kW/rpm | 164/2000              |
|                        | Overall dimension(standard)            | mm     | 8970 x 2625 x<br>3420 |
|                        | Total weight(standard)                 | kg     | 16500                 |
|                        | Tire specification                     |        | 17.5-25               |
|                        | Ground clearance                       | mm     | 430                   |
|                        | Tread                                  | mm     | 2156                  |
|                        | Space of front and rear axles          | mm     | 6219                  |
|                        | Space of middle and rear wheels        | mm     | 1538                  |
| Performance parameters | Forward velocity                       | km/h   | 5、8、11、19、<br>23、38   |
|                        | Reverse speed                          | km/h   | 5、11、23               |
|                        | Tractive effort f=0.75                 | kN     | ≥85                   |
|                        | Maximum gradeability                   | %      | ≥25                   |
|                        | Inflation pressure of tires            | kPa    | 260                   |
|                        | Working system pressure                | MPa    | 20                    |
|                        | Transmission pressure                  | MPa    | 1.3-1.8               |
| Working parameters     | Maximum steering angle of front wheels | °      | ±48                   |

|                    |                                           |                                   |    |                   |
|--------------------|-------------------------------------------|-----------------------------------|----|-------------------|
|                    | Maximum inclination angle of front wheels |                                   | °  | ±17               |
|                    | Maximum swing angle of front axle         |                                   | °  | ±15               |
|                    | Maximum swing angle of balance box        |                                   | °  | front 15, rear 15 |
|                    | Maximum steering angle of frame           |                                   | °  | ±27               |
|                    | Maximum turning radius                    |                                   | m  | 7.3               |
|                    | Blade                                     | Maximum lifting height            | mm | 400               |
|                    |                                           | Maximum shoveling depth           | mm | 500               |
|                    |                                           | Maximum lateral inclination angle | °  | 90                |
|                    |                                           | Cutting angle                     | °  | 28-70             |
|                    |                                           | Slewing angle                     | °  | 360               |
|                    |                                           | Length x chord height             | mm | 3965 x 610        |
|                    |                                           | Coolant                           | L  | 50                |
| Oil filling amount | Fuel tank                                 |                                   | L  | 280               |
|                    | Engine                                    |                                   | L  | 24                |
|                    | Transmission                              |                                   | L  | 38                |
|                    | Balance box                               |                                   | L  | 46                |
|                    | Drive axle                                |                                   | L  | 28                |
|                    | Hydraulic oil                             |                                   | L  | 110               |