

# Road Construction & Maintenance Machinery



## GR2405T PRO Motor Grader



- **Product Category:** Road Machinery
- **Brand:** XCMG
- **Model:** GR2405T PRO
- **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 GR2405T PRO Motor Grader

Motor grader is mainly used for large-area ground leveling, ditching, slope scraping, bulldozing, earth loosening and snow removing, etc. of highways, airports and farmland as well as for heavy load conditions. It is a necessary engineering machine for building operations and water conservancy construction of national defense engineering and urban and rural roads and for farmland improvement.

## Parameters of GR2405T PRO Motor Grader

| Item                   |                                           |                                   | Unit   | GR2405T PRO          |       |
|------------------------|-------------------------------------------|-----------------------------------|--------|----------------------|-------|
| Basic parameters       | Engine model                              |                                   |        | QSB6.7               |       |
|                        | Rated power/speed                         |                                   | kW/rpm | 178/2200             |       |
|                        | Overall dimension(standard)               |                                   | mm     | 9300 x 2625 x 3470   |       |
|                        | Total weight(standard)                    |                                   | kg     | 17000                |       |
|                        | Tire specification                        |                                   |        | 17.5-25              |       |
|                        | Ground clearance                          |                                   | mm     | 586                  |       |
|                        | Tread                                     |                                   | mm     | 2156                 |       |
|                        | Space of front and rear axles             |                                   | mm     | 6447                 |       |
|                        | Space of middle and rear wheels           |                                   | mm     | 1538                 |       |
| Performance parameters | Forward velocity                          |                                   | km/h   | 5、 8、 11、 18、 25、 40 |       |
|                        | Reverse speed                             |                                   | km/h   | 5、 11、 25            |       |
|                        | Tractive effort f=0.75                    |                                   | kN     | ≥88                  |       |
|                        | Maximum gradeability                      |                                   | %      | ≥25                  |       |
|                        | Inflation pressure of tires               |                                   | kPa    | 260                  |       |
|                        | Working system pressure                   |                                   | MPa    | 22                   |       |
|                        | Transmission pressure                     |                                   | MPa    | 1.85-2.2             |       |
| 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           |                                   | °      | ±25                  |       |
|                        | Maximum turning radius                    |                                   | m      | 7.3                  |       |
|                        | Blade                                     | Maximum lifting height            |        | mm                   | 480   |
|                        |                                           | Maximum shoveling depth           |        | mm                   | 715   |
|                        |                                           | Maximum lateral inclination angle |        | °                    | 90    |
|                        |                                           | Cutting angle                     |        | °                    | 29-69 |
|                        |                                           | Slewing angle                     |        | °                    | 360   |
| Oil filling amount     | Length x chord height                     |                                   | mm     | 3965 x 610           |       |
|                        | Coolant                                   |                                   | L      | 50                   |       |
|                        | Fuel tank                                 |                                   | L      | 270                  |       |
|                        | Engine                                    |                                   | L      | 24                   |       |
|                        | Transmission                              |                                   | L      | 38                   |       |
|                        | Balance box                               |                                   | L      | 60                   |       |
|                        | Drive axle                                |                                   | L      | 36                   |       |
|                        | Hydraulic oil                             |                                   | L      | 190                  |       |