

# Complete Sets of Mining Equipment

## XDM70 Light Mining Dump Truck



- **Product Category:** Mining Machinery
- **Brand:** XCMG
- **Model:** XDM70
- **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 XDM70 Light Mining Dump Truck

1. Mature power train: technologically mature matching power transmission system is adopted to ensure good grade ability in open pits and maximize vehicle speed, and guarantee quite high productivity on slopes and poor road conditions.
2. Front axle is an integral structure with welded axle casing, whose load bearing capacity reaches 25t, ensuring reliable heavy-load performance on a descent. Main retarder and wheel reductor of middle-rear axles are technologically mature matching structures for heavy duty trucks, and the rated load reaches 35t. Middle-rear axles are connected to truck frame through A-frame and the simple structure makes maintenance convenient.
3. Drive drum type service brake and parking brake system is specially made for trucks, has a simple structure and reliable performance, and is accompanied by engine exhaust brake and cylinder brake; besides, a hydraulic retarder is optional for heavy-load descent working conditions, which is economic and durable.

4. Ergonomics cab has a large interior space and a wide field of view. The cab has adjustable air suspending seats with high backrest and shock absorber. And it contains a full range of equipment and devices like indicators, instruments, alarms, lights, control switches, radio, wiper, washer and air conditioner, etc.

5. Framework is a simple structure made of box shaped stringer and ring beam that have uniform section; parameters like strength, rigidity and fatigue failure of the frame have been analyzed and optimized by CAE to ensure that strength and rigidity are increased while weight is reduced as much as possible for the purpose of obtaining more efficient performances.

6. Hydro-pneumatic suspended cylinder is adopted for front axle and hydro-pneumatic balanced suspended cylinder is adopted for middle-rear axles with a high & low pressure accumulator that can reduce the impact from the road and load, and thus prolong frame life span.

### Parameters of XDM70 Light Mining Dump Truck

| Item                   | Unit           | Parameter                                                             |
|------------------------|----------------|-----------------------------------------------------------------------|
| Fully laden total mass | kg             | 95000                                                                 |
| Vehicle total mass     | kg             | -                                                                     |
| Loading capacity       | kg             | 65000                                                                 |
| Curb weight            | kg             | 30000                                                                 |
| Rated power            | kW/rpm         | 338/1900                                                              |
| Max. torque            | Nm/rpm         | 2200/2100                                                             |
| Max. speed             | Km/h           | 37                                                                    |
| Max. grade ability     | %              | 31                                                                    |
| Turning radius         | m              | 11                                                                    |
| Min. ground clearance  | mm             | 380                                                                   |
| Loading height         | mm             | -                                                                     |
| Wagon volume           | m <sup>3</sup> | Flat loading - 30m <sup>3</sup> 2:1 Heaped loading - 38m <sup>3</sup> |