

BELAZ

MINING DUMP TRUCK BELAZ-7531G

244,5 MT

HIGH EFFICIENCY

- ✓ Advanced AC transmission gear in combination with engine of 2535 h.p.
- ✓ Efficient hydraulic system using adjustable axial-piston pump



High-strength frame and body –
extended operation period

COMFORTABLE AND SAFE OPERATION

- ✓ Video-viewing system
- ✓ Automatic fire-fighting system
- ✓ Unique pneumohydraulic suspension
- ✓ Comfortable cab with ROPS and FOPS
- ✓ Electronic dashboard displaying the detailed information about dump truck operation

TECHNICAL SPECIFICATION

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|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series | БЕЛАЗ-7531 |
| Modification | 7531G |
| Payload capacity, tons | 244.5 |
| Engine power, kW (h.p.) | 1865 (2535) |
| Torque moment, N*m (r.p.m.) | 10884 (1400) |
| Specific fuel consumption at nominal power, g/kW*h | 205 |
| Tires | 46/90R57 |
| Transmission | AC electromechanical |
| Traction alternator | SGTM-1400-8 |
| Traction electric motor | TADM-700 |
| Motor-wheel reduction gear | two-row planetary |
| Suspension | pneumohydraulic, dependant for front and driving axles; trailing arms with center hinges |
| Brake system: | with hydraulic drive |
| front wheels | dry discs |
| rear wheels | dry discs |
| parking brakes | disc type |
| auxiliary brakes | electrodynamic braking by traction electric motors in generator mode with forced air cooling of brake resistors |
| Body volume, m ³ : struck (heaped 2:1) | 102,4 (141,1); 106,2 (146,2) - Hi-Load |
| Turn radius, m. | 15 |
| Overall dimensions, mm: | |
| length | 13390 |
| width | 8800 |
| height | 6720 |
| Operating weight, kg | 164900 |
| Gross weight, kg | 409400 |
| Max speed, km/h | 60 |
| Application | This model is designed for transportation of rock materials in loosened condition on technological roads at open-pit mines at different climatic conditions. It can be used at construction of large industrial and hydraulic engineering facilities, at construction of road and highway complexes as well as at engineering premises of processing industry enterprises. Depending on specific weight of the transported cargo, the greatest efficiency is achieved when operating with excavators or loaders with bucket capacity of 30-45 m ³ |

★ - sizes are defined by the mounted body

