

BELAZ

MINING DUMP TRUCK

BELAZ-7558M

90 MT

✓ Fast unloading

✓ Highly efficient
economical engine



Increased recours of main components and assemblies



High-strength frames and platforms



Use of original pneumohydraulic suspension



Optimal geometric parameters of the platform

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TECHNICAL CHARACTERISTICS

Series	BELAZ-7558
Model	7558M
Payload capacity, mt (tons)	90
Power, kW (hp)	882 (1200)
Torque, N*m (rmp)	4980 (1300)
Fuel rate at nominal power, g/kW*h	202
Tires	27.00R49; 31/90-49
Transmission	AC electric drive
Traction alternator	GSN- 700/8
Traction motor	MY 4450 K/ATD-4450/6
Wheel motor reduction gear	planetary, double-row type
Suspension	pneumohydraulic, conventional for front and driving axles - trailing arms with central hinge
Brake system:	with hydraulic drive
front wheels	dry disc brakes
rear wheels	dry disc brakes
parking brake	disc brake
auxiliary	electrodynamic retarding by traction motors with forced air-cooling of braking resistors
Body volume, m ³ : Struck (Heaped 2:1)	37,7 (53,3); 44,5 (60,0); 55,2 (75,5); 75,0 (93,0); 86,5 (103,0)
Turning radius, m	11
Overall dimensions, mm: lenght	
widht	10560
height	6400
Operational weight, kg	5340
Gross weight, kg	80100
Max speed, km/h	170100
	60
Application	Designed for transportation of loosened rock material on maintained mine roads in multiple climatic conditions. Dump trucks can also be used for large scale construction and road building projects and for transportation of materials within manufacturing complexes. Depending on the specific weight of the materials, maximum efficiency is achieved with excavator of loader bucket capacities of 12.5-18 m ³ .

