

BELAZ

MINING DUMP TRUCK BELAZ-7558P

90 MT

✓ High-efficiency
low-consumption engine

✓ Efficient body dumping
system



Extended life of main units
and components



High-strength frame and body



Application of unique pneumatic
and hydraulic suspension



Optimal geometric parameters
of body

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TECHNICAL CHARACTERISTICS

Series	BELAZ-7558
Model	7558P
Payload capacity, mt (tons)	90
Engine power, kW (h.p.)	882 (1200)
Max. Torque, N*m (rmp)	4980 (1300)
Specific fuel consumption at nominal power, g/kW*h	202
Tires	27.00R49; 31/90-49
Transmission	Electromechanic AC
Traction alternator 2 variants	SGT-700-8 (700); GST-700-8 (700)
Traction motor 2 variants	TAD-320 (320); ATD-4450/6 (360)
Motor-wheel gearbox	planetary two-row
Suspension	Pneumohydraulic, dependant for front and driving axles. Longitudinal arms with center pivots
Brake system:	with hydraulic drive
front wheels	dry discs
rear wheels	dry discs
parking brake	disc
auxiliary brakes	electrodynamic braking by traction motor with forced air cooling of braking resistors
Body volume, m ³ : struck (Heaped 2:1)	37,7 (53,3); 44,5 (60,0); 75,0 (93,0); 86,5 (103,0)
Turning radius, m	11
Overall dimensions, mm: lenght	10560 (11200)
widht	6400
height	5340
Operational weight, kg	80100
Gross weight, kg	170100
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 12.5-18 m ³ .

