BELAZ

BELAZ-7513N MINING DUMP TRUCK

130-140 MT PAYLOAD CAPACITY

- ☑ 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 hydraulic suspension
- Optimal geometric parameters of body

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TECHNICAL SPECIFICATION

Series	BELAZ-7513
Modification	**7513N**
Payload capacity, MT	130-140
Engine power, kW (h.p.)	1168 (1588)
Torque moment, N*m (r.p.m.)	6500 (1500)
Specific fuel consumption at nominal power, g/kW*h	205
Tires	33.00R51; 33.00-51; 36/90-51
Transmission	AC-AC electromechanical
Traction alternator	GST-800
Traction electric motor	TAD -5
Motor-wheel reducer	two-row planetary
Suspension	pneumohydraulic, dependant for front and rear wheels with installed hydraulic shock-absober, by two for front and rear axes
Brake system:	with hydraulic drive
front wheels	dry discs
rear wheels	dry discs
parking brakes	disc
auxiliary brakes	electrodynamic braking by traction motor with forced air cooling of brake resistors
Body volume, m^3: struck *(heaped 2:1)*	40,0 (67,0); 45,5 (71,2); 50,1 (75,5); 55,0 (80,0); 59,6 (84,0); 63,4 (86,6); 66,6 (89,5); 103,8 (134, 8)
Turn radius, m	13
Overall dimensions, mm: length	11500
width	7000
height	5900
Operating weight, kg	104500 - 108500
Gross weight, kg	238500 - 244500
Max speed, km/h	64
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 12-20 m^3.

*Operating and gross weight depends on configuration, body and tires of the dump truck

Overall dimensions are specified for basic dump truck configuration