

BELAZ

MINING DUMP TRUCK BELAZ-7513Q

110 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 hydraulic suspension



Optimal geometric parameters
of body

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TECHNICAL SPECIFICATION

Series	БЕЛАЗ-7513
Modification	7513Q
Payload capacity, MT	110
Engine power, kW (h.p.)	882 (1200)
Max. Torque moment, N*m (r.p.m.)	4980 / 1300
Specific fuel consumption at nominal power, g/kW*h	202
Tires	33.00R51; 33.00-51; 36/90-51
Transmission	electromechanical transmission of alternating-direct current
Traction alternator	GSN-500 (800); SGT-1 (800); SGT-1000 (1000)
Traction electric motor	EDP-600; EK-590
Motor-wheel reducer	double-row planetary
Suspension	pneumohydraulic, dependent for front and rear wheels with integrated hydraulic shock absorber, two each for front axle and rear axle
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 braking 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	13,6
Overall dimensions, mm: length	11500
width	7250
height	5900
Operating weight, kg	105000
Gross weight, kg	215000
Max speed, km/h	48
Application	BELAZ mining dump truck- 7513Q are 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 depend on the configuration, platform and tires of dump trucks.

Overall dimensions are indicated for the basic configuration of dump trucks

