

BELAZ

MINING DUMP TRUCK

BELAZ-75473

45 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	BELAZ-7547
Modification	75473
Payload capacity, MT	45
Engine power, kW (h.p.)	448 (600)
Max. Torque moment, N*m (r.p.m.)	2237 / 1500-1600
Specific fuel consumption at nominal power, g/kW*h	219
Tires	21.00-35/21.00R35
Transmission	5+2
Suspension	pneumatic hydraulic, dependant for front and driving axles with longitudinal and cross bars
Brake system:	with air-powered drive
front wheels	shoe type brake
rear wheels	shoe type brake
parking brakes	shoe type brake
auxiliary brakes	hydraulic dynamic retarder
Body volume, m ³ : struck (heaped 2:1)	19,8 (26,2); 21,5 (27,6); 23,7 (29,9); 28,5 (33,9); 35,9 (43,3)
Turn radius, m	10,2
Overall dimensions, mm: length	8390
width	4560
height	4630
Operating weight, kg	33100
Gross weight, kg	78100
Max speed, km/h	50
Application	BELAZ-75473 mining dump truck 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, 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 8-10 m ³ .

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