

BELAZ

MINING DUMP TRUCK

BELAZ-7555M

55 MT

✓ High-efficiency low-consumption engine

✓ Efficient body dumping system



High-strength frame and body



Extended life of main units and devices



Application of unique pneumohydraulic suspension



Optimal geometric parameters of body



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TECHNICAL CHARACTERISTICS

Series	BELAZ-7555
Modification	BELAZ-7555M
Payload capacity, tons	55
Engine power, kW (h.p.)	522 (700)
Max.Torque moment, N*m (r.p.m.)	4630 (1300)
Specific fuel consumption at nominal power, g/kW*h	210
Tires	24.00-35; 24.00R35
Transmission	6+1
Rear axle	mechanic with single-stage main gear, bevel gear differential and planetary wheel gear
Suspension	pneumohydraulic, dependant for front and driving axles
Brake system:	with hydraulic drive
front wheels	dry discs
rear wheels	multiple-disc oil cooled brakes
parking brakes	disc
auxiliary brakes	multiple-disc oil cooled brakes
Body volume, m3: struck (heaped 2:1)	22.7 (32.3)
Turn radius, m.	9
Overall dimensions, mm: length	8890
width	5690 (by mirrors)
height	4860
Operating weight, kg	43000
Gross weight, kg	98000
Max speed, km/h	55
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 8-12 m ³ .

