

# BELAZ

## MINING DUMP TRUCK BELAZ-7558N

90 MT

✓ Highly efficient  
economical engine

✓ Efficient tipping of  
body system



Increased recours of main  
components and assemblies



High-strength frames  
and platforms



Use of original pneumohydraulic  
suspension



Optimal geometric parameters  
of the platform

[www.belaz.by](http://www.belaz.by)



# TECHNICAL CHARACTERISTICS

<b>Series</b>	БЕЛАЗ-7558
<b>Model</b>	7558N
Payload capacity, mt (tons)	90
Power, kW (hp)	882 (1200)
Torque, N*m (rmp)	4980 (1300)
Fuel rate at nominal power, g/kW*h	202
Tires	27.00R49; 31/90-49
Transmission	AC electric drive
Traction alternator	SGT 700-8
Traction motor	TAD-9
Wheel motor reduction gear	planetary, double-row type
Suspension	pneumohydraulic, conventional for front and driving axles - trailing arms with central hinge
Brake system:	with hydraulic drive
front wheels	dry disc brakes
rear wheels	dry disc brakes
parking brake	disc brake
auxiliary	electrodynamic retarding by traction motors with forced air-cooling of braking resistors
Body volume, m <sup>3</sup> : 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: length	10560
width	6400
height	5340
Operational weight, kg	80100
Gross weight, kg	170100
Max speed, km/h	60
Application	Designed for transportation of loosened rock material on maintained mine roads in multiple climatic conditions. Dump trucks can also be used for large scale construction and road building projects and for transportation of materials within manufacturing complexes. Depending on the specific weight of the materials, maximum efficiency is achieved with excavator of loader bucket capacities of 12.5-18 m <sup>3</sup> .

