

BELAZ

MINING DUMP TRUCK

BELAZ-7531N

244,5 MT

HIGH PERFORMANCE

- ✓ Modern AC transmission in combination with an engine at 2535 hp capacity
- ✓ Efficient hydraulic system with application of adjustable axial piston pump



High-strength frame and body provides an enhanced resource of operation

COMFORTABLE AND SECURE OPERATION

- ✓ Videoview system
- ✓ Automatic fire-fighting system
- ✓ Original pneumatic hydraulic suspension
- ✓ Comfortable cabin protected with ROPS and FOPS
- ✓ Electronic dashboard with visualization of detailed information about vehicle operation

TECHNICAL SPECIFICATION

Series	БЕЛАЗ-7531
Modification	7531N
Payload capacity, tons	244.5
Engine power, kW (h.p.)	1865 (2535)
Max. torque moment, N*m (r.p.m.)	10884 (1400)
Specific fuel consumption at nominal power, g/kW*h	205
Tires	46/90R57
Transmission	AC electric drive
Traction alternator	SGTM-1400-8, GST-1600, GST 1600-8, GSN-1600/8
Traction electric motors	TADM-700, DAT-740, TAD-7
Wheel motor reducer	planetary, double-row
Suspension	pneumatic hydraulic, conventional for front and driving axle. Trailing arms with central hinge
Brake system:	with hydraulic drive
front wheels	dry discs
rear wheels	dry discs
parking brakes	disc-type brakes
auxiliary brakes	electrodynamic retarding by traction electric motors in alternator mode with forced air-cooling of braking resistors
Body volume, m ³ : struck (heaped 2:1)	102,4 (141,1); 106,2 (146,2) - Hi-Load
Turn radius, m.	15
Overall dimensions, mm:	
length	13390
width	8800
height	6720
Operating weight, kg	164900
Gross weight, kg	409400
Max speed, km/h	60
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 30-45 m ³ .

* - dimension is being determined by a mounted body

