

BELAZ

THAT OPERATES ON LIQUIFIED NATURAL GAS

BELAZ-7558H

90 TONS



GAS



Fuel savings of up to 35% per year



The nominal volume of the gas tanks is 1400 l + 350 l, which is enough for a 12-hour shift



Reduced maintenance costs



High level of environmental safety

COMPLEX DECISIONS

Delivery of a gas dump truck together with infrastructure

- installation of the gas station
- fuel storage system
- mobile gas station complexes

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TECHNICAL CHARACTERISTICS

Series	BELAZ-755
Modification	7558H
Payload capacity,t	90
Operation mode	gas-mode
Fuel type	fire gas, natural gas, LNG (metan)
Nominal volume of gas tanks, l	1400 + 350
Effective volume of gas tanks, l	1260 + 315
Engine power, kWt (hp)	785 (1068)
Torque, N*m (rpm)	4340 (1400)
Fuel rate at nominal power, g/kW*h	210
Tires	27.00R49; 31/90-49
Transmission	AC electric drive
Traction alternator	SGT 700-8UHL2
Traction motor	TAD-320-6B3
Suspension	pneumohydraulic, conventional for front and driving axles. Trailing arms with central hinge
Braking 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 ³ : Struck, (heaped 2:1)	44,5 (60,0)
Turning radius, m	11
Overall dimensions, mm:	
length	10560
width	6500
height	5340
Operation weight, kg	80000
Gross weight, kg	170000
Max speed, km/h	64
Application	Designed for transportation of loosened rock in severe mining conditions of deep open pit mines on haul roads under various climatic operating conditions. These trucks can be used in construction of large industrial and hydraulic structures, highway systems, as well as in manufacturing departments of the processors. Depending on the specific weight of the transported cargo, the greatest efficiency is achieved when operating with excavators and loaders with buckets of the following capacity: 12.5-18 m ³ .

