

BELAZ

LIQUEFIED NATURAL GAS -POWERED DUMP TRUCK

BELAZ-7513P

130 TONS



GAS



Fuel savings of up to 35% per year



Nominal volume of gas tanks
1400 + 1400 l



Operates full shift without
refueling



High level of environmental safety

COMPREHENSIVE SOLUTIONS

Supply of gas-fueled dump trucks along with infrastructure:

- refueling complex installation
- fuel storage systems
- mobile refueling units

www.belaz.by



TECHNICAL SPECIFICATION

Series	БЕЛАЗ-7513
Modification	7513P
Payload capacity, T	130-136
Operating mode	gas-mode
Fuel type	LNG
Nominal volume of gas tanks, l	1400 + 1400
Effective volume of gas tanks, l	1260 + 1260
Engine power, kW (h.p.)	1194 (1600)
Torque, N*m (r/min)	6500 (1500)
Specific fuel consumption at rated output	210
Tires	33.00-51; 33.00R51
Transmission	AC-DC electromechanical transmission
Traction alternator	ГЧН-500; ГСТ-1; ГГТ-1000
Drive motor	ЭК-590; ЭДП-600
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 brake	electrodynamic retarding by traction motors with forced air-cooling of braking resistors
Body space, m ³ mtruck ("hipped" 2:1)	45,5 (71,2); 50,1 (75,5)
Turning radius, m	13
Overall dimensions, mm: length	11500
width	7000
height	5900
Operation weight, kg*	107600
Gross weight, kg*	237 600 - 243 600
Max speed, km/h	48
Application	Designed for transportation of loosened rock mass along technological roads at open-pit mining operations with different climatic conditions. These trucks can be used in construction of large industrial and hydraulic engineering structures, in road and highway systems construction, as well as in technological divisions of processing industry enterprises. Depending on the specific weight of the transported cargo, the greatest efficiency is achieved when operating with excavators or loaders with buckets with capacity of: 12-20 m ³ .

*Operating weight and gross weight depend on the configuration of the platform and tires of dump trucks

