

Dump car, model 32-6982/32-6982-01



Description

Model 32-6982 and 32-6982-01 dump cars are designed for the transport and automated unloading of overburden and rock, as well as various types of coal and ore, soil, sand, crushed stone and other similar cargoes on mainline railways with 1,520 mm gauge.

Volume of 42 m³ and enhanced carrying capacity enable the 32-6982 and 32-6982-01 dump cars to efficiently transport bulk cargoes of various fractions. The two versions of the car optimize transportation of various cargo types. The 32-6982 car with a shock-absorbing base is designed to load and unload large ore rocks without damaging the car's structure. The 32-6982-01 car is best suited for transport of fine fraction bulk cargoes. Increase of load capacity by 5-10 tons compared with analogues enables a reduction of the fleet size by up to 15%.

The 32-6982 and 32-6982-01 dump cars are designed to operate in freight trains of any length and weight, and are compatible with the existing infrastructure used by shippers and consignees.

Designed by: All-Union Research and Development Centre for Transportation Technology, LLC.

Producer: TikhvinSpetsMash, JSC.

Specifications

Technical specification	Model 32-6982	Model 32-6982-01
Payload capacity, t	71	72
Body space, m ³	42	42
Shock-absorbing layer	yes	no
Tare weight, t	28.5±0.5	27.5±0.5
Length over coupler pulling faces, mm	12,350±25	12,350±25
Wheel base, mm	7,650±5	7,650±5
Freight car height from rail head level, mm	3,330	3,330
Maximum car width, mm	3,360	3,360
Gabarit as per GOST 9238-2013	Тпп	Тпп
Bogie model	18-9855	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245 (25)	245 (25)
Regulatory overhaul period, thousand km (years)	500 (6)	500 (6)
Service life, years	32	32

*According to the results of controlled operation, the period can be extended.