

Platform for transportation of timber products, model 13-6852/13-6852-02



Description

New generation platform for transportation of timber products with 74 t of payload capacity and 40 feet loading length is represented by models 13-6852 and 13-6852-02.

Model 13-6852-02 is represented by two designs: 1-T dimension with sliding, telescopic posts and 1-Ta dimension with integral posts. An optimal volume of loading space without formation of the freight "heap" is ensured due to posts of increased height.

All models are equipped with constant section side posts, which considerably reduce unused dimensional volume of the rail car when transporting packaged freight and prevent damage to the freight during loading-unloading operations.

Increased terms of between-repairs run, which provide for the reduction of the car life cycle costs by almost 3 times, are a considerable competitive advantage of the car of model 13-6852.

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





Specifications

Technical specification	Model 13-6852	Model 13-6852-02
Payload capacity, t	74	74
Loading length, mm	13,176	13,176
Length over coupler pulling faces, mm	14,620	14,620
Height from rail top level, mm	4,300	4,690
Body internal dimensions (L × W × H), mm	13,710 × 2,880 × 3,245	13,710 × 2,880 × 3,245
Loading volume, m ³	107	122
Tare weight, t	25.5	25.5
Gabarit as per GOST 9238-2013	1-T	1-Ta
Bogie model	18-9855	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.25 (25)	245.25 (25)
Service life, years	40	40
Regulatory overhaul period, up to mln km (years)	1 (8)	1 (8)