

Special swivel roof wagon series Tads-z



Freight wagons series Tads-z are 4-axle wagons for transporting bulk materials with the grain size of up to 500 mm, which needs to be protected from atmospheric influences (cereals, chemical fertilizers etc.). Sliding roof, which can be opened and closed, represents a specific feature of this wagon. Loading is performed through the roof and unloading with gravity through unloading hatches on both sides of wagons. The hatches are opened and closed from the platform on the front part of the wagon where the mechanism for opening and closing of the roof is located. Flow of materials through unloading hatches can be selected or completely stopped using flap doors on hatches.

Technical characteristics of freight wagons series Tads-z

LETTER WAGON SERIES		Tads-z	Tads-z
NUMERIC WAGON SERIES		082 (volume 45 m ³)	082 (volume 66 m ³)
Number of axles	-	4	4
Distance between bogie pivots	m	8,00	14,00
Distance between end axles	m	9,80	15,80
Length over buffers	m	13,04	19,04
Loading hatch – length	m	9,00	14,60
Loading hatch – width	m	1,20	1,20
Useful volume	m ³	45,00	66,00
Height from the top of rail to the loading hatch	m	4,25	4,05
Height from the top of rail to the floor	m	1,23	1,25
Number of silos	-	2	4
Number of empty hatches	-	4	8
Width of the unloading element	m	1,20	0,80
Height from the top of rail to the unloading element (value of the empty wagon)	m	0,35	0,50
Wagon dead weight (tare)	t	23,30	27,00
Interoperability capacity	-	RIV	RIV

Meaning of the subseries of the freight wagons series T:

a – 4 axles

d – unloading using gravity and selecting sides, high

s – for the speeds of up to 100 km/h

z – hand brake

Loading limits in tons:

	A	B	C
S	38,00	46,00	54,00

* Wagon loading limits can be, depending on the wagon dead weight (tare), slightly higher or lower than the values indicated in the above table