

Special 4-axle flat wagons series Smmps-tz (472)

Freight wagons series Smmps-tz are 4-axle flat wagons for transporting heavy loads, and especially heavy vehicles, operating machines or combat vehicles on wheels or with tracks. Having in mind the length of this wagon, which is shorter than the length of other flat wagon series, it is also possible to transport short loads of large individual weight.

The wagons series Smmps-tz have low lateral stanchions which can be taken out from their supports and placed in boxes envisaged for that purpose or lowered through the support so that they are at the level of the floor. The hooks installed in the floor are used for tying of load. Eyes are used for securing the load by tying it or for tying tarpaulins.



Technical characteristics of the freight wagon series Smmps-tz

LETTER WAGON SERIES		Smmp-tz
NUMERIC WAGON SERIES		472
Number of axles	-	4
Distance between bogie pivots	m	7,20
Distance between end axles	m	9,00
Length over buffers	m	12,24
Useful floor length	m	10,80
Useful floor width	m	3,15
Useful floor surface	m ²	34,00
Number of stanchions	-	12
Sideboards height	m	1,80
Height of the floor above the top of rail	m	1,26
Wagon dead weight (tare)	t	20,30 - 21,10
Interoperability capacity	-	NO

Meaning of the subseries of the freight wagons series S:

mm – with 4 axles: useful wagon length $lu < 15m$

p – without low sideboards

s – for the speeds of up to 100 km/h

t – for transport of heavy loads

z – hand brake

Loading limits in tons:

	A	B ₁	B ₂	C ₂	C ₃ / C ₄
	39,00	41,00	52,00	58,00	60,00
S	39,00	41,00	52,00		

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