

Standard open wagons with high sides series Eas-z (595 and 596)

These 4-axle wagons are intended for transporting bulk goods of all grain sizes and as part loads and primarily the goods which do not need to be protected from atmospheric influences during transport. The following goods can be transported in these wagons: ore, coal, gravel, metal scrap and other waste, unprocessed or semi-processed wood, logs, planks/boards, semi-manufactured products for civil engineering, metal and machine industry products etc. Loading is performed from above or through lateral doors and there can be 4 or 6 doors in total. The doors on hatches are open from the wagon and closed using the locking mechanism. Unloading is performed manually, with grippers, on frontal and lateral tedders, depending on the wagon structure. When needed, the load can be protected with tarpaulins by tying them to the eyes which the wagons of this series possess. There are versions of these wagons with wooden and metal floor.



Technical characteristic of the freight wagon series Eas-z

LETTER WAGON SERIES		Eas-z
NUMERIC WAGON SERIES		595 i 596
Number of axles	-	4
Distance between bogie pivots	m	9
Distance between end axles	m	10,80
Length over buffers	m	14,04
Useful floor length	m	12,70 - 12,80
Useful floor width	m	2,76
Useful floor surface	m ²	35,10 - 35,30
Useful volume	m ³	70,14 - 74,00
Number of doors	-	4 or 6
Lateral door – loading width	m	1,80
Lateral door – loading length	m	1,80-1,90
Sideboards height	m	2,00
Height of the floor above the top of rail	m	1,19-1,23
Wagon dead weight (tare)	t	21,00 - 22,00
Interoperability capacity	-	RIV

Meaning of the subseries for the wagons series Eas-z:

a – with 4 axles

s – for the speeds of up to 100 km/h

z – hand brake

Loading limits in tons:

	A	B ₁	B ₂	C
S	42,00	48,00	50,00	58,00

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