

Wagon Eanoss-z



Wagon is destined for transport of coal, coke, iron ore, sand and other loose goods.

Wagon unloading is performed on both wagon sides, through 4 openings, 2 on each side of the wagon. Opening doors are twisted from wagon side and can be closed by locking mechanism.

Technical data

Track gauge:.....	1435 mm
Number of axles:.....	4
Length over buffers:.....	15740 mm
Underframe length:.....	14500 mm
Tread circle diameter:.....	920 mm
Wagon height:.....	3335 mm
Wagon width:.....	3060 mm
Loading length:.....	14490 mm
Loading width:.....	3000 mm
Loading capacity:.....	82,5 m ³
Loading area:.....	39,4 m ²
Tare weight:.....	24 t
Max. payload:.....	66 t
Maximal axle load:.....	22,5 t
Curvature radius:.....	75 m
Max. speed:.....	120 kmph
Bogies distance:.....	10700 mm
Bogie type:.....	Y 25 Ls(s)d1

Coupling gear

Coupling gear is frontal-type, according to UIC 520 and UIC 521 standard, with elastomer-type spring type RG 15 (TS-2), tensile hook is type B, suspension force 1000 kN and clutch 850 kN suspension force.

Buffers

Wagon is equipped with four class A buffers (30 kJ) according to UIC 526 and 527-1 standards with elastomer spring and untwisted buffer plate.

Braking equipment

Wagon is equipped with hand and compressed air brake according to UIC 540 – 545 standard. Air brake GP-A-2x16" is automatic for SS travelling regime. Braking equipment consists of mechanical gear box device "passenger-goods" and automatic switching device "empty-loaded".

Braking leverage is equipped with two automatic regulators 2A-450 H2. There is one main air pipeline tap mounted on both wagon ends. 16" braking cylinders are installed and main air pipeline is 5/4" in diameter.

Hand brake with spindle and bevel gears acts to bogie (marked with pictogram) through braking leverage. Hand brake is parking-type for ground handling.

Painting and inscriptions

Wagon is painted and marked according to UIC, RIV and Croatian Railways standards. Paint is epoxy resin type (RAL 8012).