

Wagon Lgnss-z



2-axled plateau wagon Lgnss-z is destined for transport of 20' and 30' containers and semitrailers and 40' containers with max. width of 2600 mm.

Technical data

Track gauge:.....	1435 mm
Number of axles:.....	2
Tread circle diameter:	920 mm
Length over buffers:	13860 mm
Loading length:	12520 mm
Axle distance:	9000 mm
Height above top of rail:	1175 mm
Tare weight:	11.5 t
Max. payload:.....	33.5 t
Curvature radius:	75 m
Maximal speed:.....	120 kmph

Coupling gear

Coupling gear is frontal-type, according to UIC 520 i 521 standards with elastomer-type TS 2 RG15 spring, 1000 kN hook and 850 kN clutch.

Buffers

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

Braking equipment

Wagon is equipped with hand brake and air brake according to UIC 540 - 545 standard. Air brake MH-GP-A-16" is automatic for SS transport regime. Braking equipment consists of mechanical gear box device "passenger-goods" and automatic switching device "empty-loaded". Braking leverage is equipped with automatic regulator DRV 2A 450 H2. There is one main air pipeline tap mounted on both wagon ends. 16" braking cylinder and distributor MH3fHGBG310/300 are also installed. Hand brake is parking-type for ground handling.

Painting and inscriptions

Wagon is painted and marked with RAL 8012 paint, according to UIC, RIV and Croatian Railways standards.