



Intermodal transport

CityLogistics XL

Optimized intermodal container for bulk goods

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Four CityLogistics XL on 2x40 ft InnoWaggon



Rotated unloading with forklift



Tipped unloading



CityLogistics XL

The intermodular CityLogistics XL container optimizes the combined transport of bulk goods by road and rail. With its innovative tarpaulin roof, it is also perfectly suited for moisture-sensitive and dusty bulk goods.



Specially designed for the transport of bulk goods such as natural gypsum, building materials, excavated soil, rubble and similar goods, the 20 ft long CityLogistics XL impresses with its flexible usability both with short truck semi-trailers as well as with the weight-optimized 2x40 ft InnoWaggons. Its compact design also makes it ideal for urban transport.

System benefits

- > High payload for intermodal transport
- > Cranable
- > Stackable for additional terminal efficiency
- > Tarpaulin roof for moisture-sensitive and/or dusty goods
- > Operation of tarpaulin by one single person
- > Robust design
- > Low maintenance
- > Full utilization of wagon capacity for track class D
- > Wagon runs in profile G1 without additional permits

Intermodal transport

- > Four CityLogistics XL fit on one InnoWaggon 2x40 ft
- > Suitable for the transport with electric trucks to enable CO₂-friendly transport from/up to the first/last kilometre
- > Truck transport on 20 ft semi-trailer

Loading and unloading

- > Loading with conveyor belt, excavator or crane
- > Unloading with truck tipping chasis, stationary unloading machine or forklift with rotator
- > Lifting between truck and wagon with forklift, reachstacker or crane

Technical data CityLogistics XL

Classification	2LUA
Tara	3,400 kg
Max gross	36,000 kg
Volume	25 m ³
Height	2,200 mm
Width	2,550 mm
Length	20 ft (6,058 mm)

Technical data with 2x40 ft InnoWaggon

Container/wagon	4					
Tara	42,300 kg					
Max gross	180,000 kg					
Max. payload	137,700 kg (4 x 34,425 kg)					
Track class	A	B1	B2	C2, C3, C4	D2	D3, D4
Load limit (t)	85.7	91.3	101.7	121.7	128.6	137.7
Loading volume	100 m ³ (4 x 25 m ³)					
Length (LoB)	26,620 mm					
Total height	3,355 mm					
Width	2,878 mm					
Loading gauge	G1					



CityLogistics XL on a 20 ft truck semi-trailer

2x40 ft InnoWaggon

The lightweight base

Every superstructure needs a suitable base – the weight-optimized 2x40 ft InnoWaggon provides the optimized one for the CityLogistics XL. It consists of two close-coupled wagons in a special lightweight design, with four axles each. The wagon is approved for a maximum speed of 120 km/h.

The 2x40 ft InnoWaggon was the first member of the InnoWaggon family and is the perfect combination of payload and loading length for many types of cargo. The wagon is best suited for goods with high mass, such as building materials, ores, limestone or grains.

All InnoWaggons are equipped with GPS sensors from Nextiot which track position, speed, temperature and shock events. This data, available in the Innofreight OS app and on the Innofreight OS platform, can also be imported into customer systems via interfaces.

The 2x40 ft InnoWaggon is also available as a Finno version for the 1,524 mm broad gauge commonly used in Eastern Europe.

Technical data 2x40 ft InnoWaggon*

Classification	Sgrrrs
Classification code	4854, 4851
Track class	A, B1, B2, C2, C3, C4, D2, D3, D4
Tare weight	29.7 t (2 x 14.85 t)
Max. payload	150.3 t
Max. axle load	22.5 t
Max. meter load	6.76 t/m
Max. container pins	48
Floor height above rail level	1,155 mm
Loading length	2 x 12,370 mm
Length over buffer	26,620 mm (long stroke buffer: 26,710 mm)
Width	2,878 mm
Track gauge	1,435 mm (Finno: 1,524 mm)
Dist. between bogie pins	8,070 mm
Bogie wheel base	1,800 mm
Wheelset diameter	920 mm
Number of axles	8 (2 x 4)
Min. curve radius	75 m
Max. speed	120 km/h
Brake type	KE-GP-A
Block condition	J822, C810 (Finno C333)
Climate condition	T1 (Finno T2)
Certification	TSI



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