



**PROTOTYPE**

# CemTainer / Intermodal

Eco-friendly transport of  
cement over long distances

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# Prototype: CemTainer for intermodal transport

Ecological and cost-efficient transport of cement over longer distances – long distances are covered in a CO<sub>2</sub>-friendly way by rail and only the last kilometers are transported by truck



## System advantages:

- > Optimal container length for cement transport
- > 4 tons payload per meter of train length on InnoWaggon 2x45 ft
- > Shorter train lengths compared to 30 ft silo containers
- > Highly maneuverable in city and construction site traffic
- > Suitable for the transport with electric trucks to enable CO<sub>2</sub>-friendly transport up to the last kilometre



CemTainer on a 30 ft semi-trailer – length advantage visible through adapter

## Intermodal transport:

- > 4 CemTainers on InnoWaggon 2x45 ft
- > Containers with profile C22 and InnoWaggon with track class C2 can be used throughout Europe
- > Truck transport on 22.5 ft semi-trailer

## Technical data:

- > Length 22.5 ft, loading volume 32 m<sup>3</sup>, empty weight 3 t
- > Intermodal max. 30 t payload (truck with 44 t)
- > CO<sub>2</sub>-friendly construction made mainly from recycled steel

## Loading and unloading:

- > Gravity loading on the InnoWaggon through two loading apertures, distance between the loading apertures compatible with Uacs silo railway wagon
- > Pressure unloading with 2 bar by tilting
- > Unloading cone with fluidising fabric
- > Standard operating controls



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