High-capacity multimodal container for LCL & LTL consolidation

Funded by the European Union

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Developed by :

CargoBeamer®

Fraunhofer

Project by :

MultiRELOAD
PORT SOLUTIONS FOR SUSTAINABLE MOBILITY

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Multimodality

Asset design, sharing & modularity

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Solution description

The CBoXX is a high-capacity rail container to consolidate and carry less-than-truckload (LTL) cargo. It can carry up to 4 times more than a 40-foot container.

Featuring movable shelves for flexible loading, it can handle almost any cargo type and supports fully automated road-to-rail transfer. It is compatible with CargoBeamer systems.

CargoBeamer's CBoXX aims to redefine rail cargo transportation by providing a rail service for both LCL and LTL cargo.

Benefits

- **High efficiency and flexible storage** for any cargo size, enabling full loading unit accessibility.
- Enhanced cargo monitoring and **security with sensor integration options**.
- Fast, low-impact loading/unloading and fully automated multimodal transition.
- Compatibility with CargoBeamer technology for **seamless intermodal operations.**

Main beneficiary:

FREIGHT FORWARDERS

Technology readiness level : *8*
Implementation stage : *Pilot*

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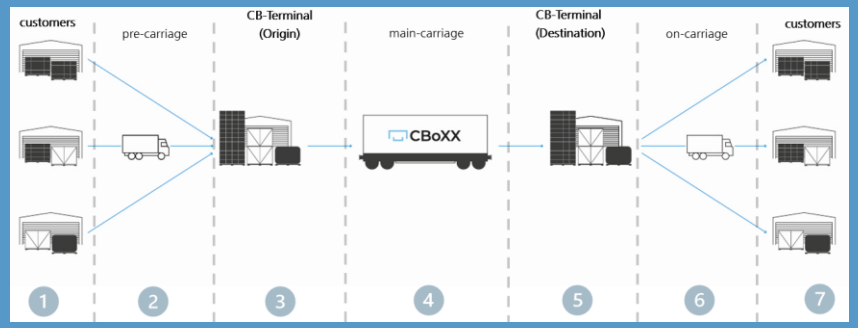

LTL-Logistic provides a solution for customers with smaller shipment volumes, enabling them to benefit from the advantages of the intermodal transport.

By consolidating shipments and using the CBoXX as a loading unit, CargoBeamer offers a sustainable multimodal logistics solution tailored to the LTL and LCL transport needs of customers.

LET'S DISCUSS
5 June at 13:30
CARGOBEAMER
BOOTH A4.309/408

Would you like to know more? Take contact :

Hans-Jürgen Weidemann
CTO

Kreuzstraße 12
04103 Leipzig, Germany

hjweidemann@cargobeamer.com

+49 172 744 15 74

www.cargobeamer.com