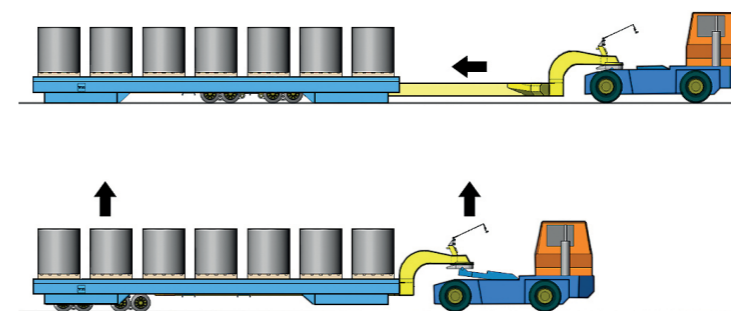


Port Operations



NT Liftec Cassette System for Port Operations

For port operators, cassette systems offer improved safety and lower operation cost for all cargo handling needs. The robust cassette is an excellent platform for warehousing heavy goods, and the transifter with high payload makes it easy to transport heavy cargo safely.



“The Liftec Cassette system offers improved safety, cost-effectiveness and high transport efficiency.”



Container handling

The Liftec self-loading cassette system eliminates waiting times in horizontal transports and keeps the driver always on the move. This makes it possible to cut down the number of equipment and operational costs even by 75 %. The cassette system suits extremely well for operations in logistics parks, customs inspection sites, rail terminals and with RMG cranes.

The cassette works as a detachable transportable steel platform that safely supports the containers, which can be stacked and quickly transported in variety of

configurations. The key innovation in this field is the implementation of the container cassette as a floating buffer between container cranes and all horizontal transportation, i.e. the vehicles transporting the container to or from the road or rail carrier. Using this system, the containers are disconnected from the equipment moving them, leaving the cranes to work without stopping. Transport vehicles can pick up, transport and drop off cassettes without waiting for a container to be loaded or unloaded.

The benefits of the cassette system:

- Safety
- High transport efficiency
- Low investment and operation costs
- The possibility of reducing the number of vehicles by up to 50%
- The cassette is an excellent platform for stuffing and stripping of containers

Break bulk

Components to 200 tonnes can be safely handled with the cassette system. Odd size components are often difficult to handle, so keeping them on the cassette saves on work and reduces handling damages. The cassettes do not have axles, which get damaged when heavy components are loaded. The cassettes also do not have tires, which go flat when loads remain in storage.

Warehousing

Cassettes are good and inexpensive platform for warehousing cargo in

terminals. Cassettes do not have any moving parts and can tolerate rough handling. Translifters' transport efficiency makes it possible to locate the warehouse away from the quay, freeing up the most expensive area of the port. Since cargo remains on the cassette, transport and storage of loads are easily and safely managed, negating handling damages and costs.

Storo handling

The cassette system, suits well for StoRo handling. Cargo can be placed on a cassette as soon as it arrives to the terminal, thus reducing unnecessary moves and handling

damages. Robust and wheelless construction tolerates rough handling.

Self-loading principle

A transifter is lowered reversed under the loaded cassette, then lifted up with a hydraulic lifting mechanism for transportation. This self-loading principle eliminates waiting time of a driver - keeping the most expensive asset always on the move.

Your logistics solution provider

NT Liftec is committed to provide the most cost-efficient transportation systems for ports, terminals and a wide range of industries. We are a development-oriented company driven by customer needs, offering systems and services that are designed to maximize the profitability of our customers' and cargo owners' business.

Contact information

NT Liftec Oy

Sorkkalantie 394, 33980 Pirkkala
FINLAND

Phone: +358 3 3140 1400
E-mail: sales@ntliftec.com

