

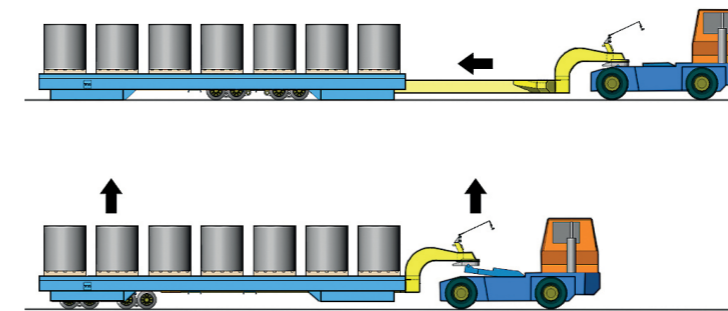
# RoRo Operation



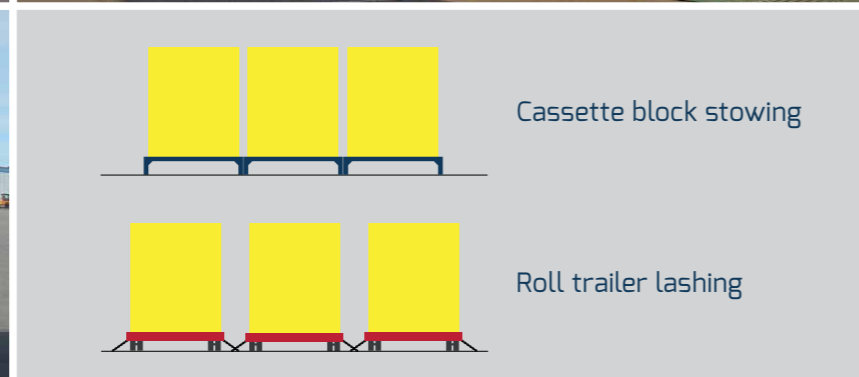


# NT Liftec Cassette System for RoRo Operation

The LIFTEC Cassette system is the best way for RoRo handling of heavy cargo, such as containers, steel or paper. It makes high payloads safe to operate, typically up to 90 tonnes or 4 TEUs. Block stowing of Cassettes increases a ship's capacity significantly.



“The Liftec self-loading cassette system provides an effective and economical solution for RORO operators.”



## THE BENEFITS OF THE CASSETTE SYSTEM

### Safe operation

- Translifters have brakes, tail lights and reversing camera
- Translifter has excellent stability
- Special LIFTEC SafeRoll™ increases efficiency up to 40%
- Terminal tractor has an ergonomic and comfortable cabin with excellent visibility
- There are less people on the deck needed for lashing

### High utilization of deck area

- Due to block stowing, it is possible to take up to 25% more cargo on board
- Empty Cassettes can be easily stacked 5-6 high

### Short turnaround time

- Translifters have very high loading efficiency, up to 600 tonnes/hour or 40 TEU/hour
- Lashing time is eliminated thanks to block stowing
- Payload up to 100 tons
- Pre-Loading Concept: Fully loaded Cassettes waiting at the port when the ship arrives

### Reduced lashing

- Due to block stowing, little or no lashing is needed, thus saving time and labor costs
- The legs of the Cassette are equipped with rubber friction pads

### Less handling damages

- Cargo arriving to port can be directly placed on a Cassette which eliminates unnecessary moves
- Cassette is equipped with easy to use lashing points

### Low investment costs

- Inexpensive Cassettes
- Less transport equipment needed, thanks to high efficiency
- Cassettes have extremely long life expectancy

### Low operational costs

- Cassettes requires only small amount of maintenance
- Translifters are robust and need little maintenance
- Less labour needed, due to reduced lashing

### Lower fuel consumption for ships

- High utilization of the deck area means less voyages for cargo flow. Shorter loading/unloading turnaround time promotes lower voyage speeds, resulting in fuel savings up to 30%, and reducing environmental emissions.

### Self-loading principle

- Translifter is lowered down and reversed under the loaded cassette, then lifted up for transportation with hydraulic lifting mechanism

- The self-loading principle eliminates the waiting time of a driver
- The most expensive asset is 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

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