

LIFTEC



STEEL MILLS

TTS LIFTEC

CASSETTE SYSTEM IN STEEL MILLS

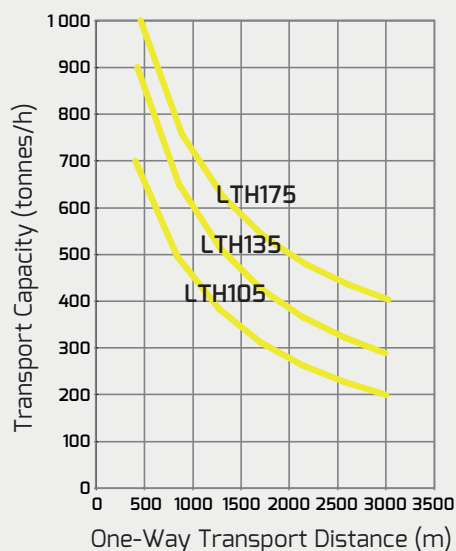
A STEP TO HIGHER CAPACITY AND SAFETY

The TTS Liftec cassette system consists of a terminal tractor, self-loading translifter and cassettes (pallets).

Our customer-oriented development over the years ensures simple and reliable construction with high transport capacity. Combined with low investment and operating costs, the TTS Liftec cassette system is the most cost effective method to transport various steel mill products.

Typical payloads up to 200 tonnes can be transported safely, due to outstanding stability and safety equipment, such as lights, brakes and cameras. Driver ergonomics and excellent visibility are designed into the modern terminal tractor cabin.

LIFTEC TRANSPORT SYSTEM CAPACITY WITH DIFFERENT LOADS AND SPEEDS



SLAB HANDLING

With the TTS Liftec cassette system, slabs with the temperature up to 850 °C can be transported efficiently and safely between processing points.

- Cassettes can be used for buffering or warehousing
- Special thermo cassettes for hot slabs
- Thermo covers to control cooling of the hot slabs
- Transport capacity up to 800 tonnes/h in 1 km distance
- Drivers can work independently without waiting
- The most valuable part of the system is operating without stops



COIL HANDLING

The TTS Liftec cassette system is the most economical solution for continuous transport operation in the steel coil industry.

- Coils are secured to the cassette's specially designed coil cradles
- No lashing required
- Transport capacity up to 800 tonnes/h in 1 km distance
- Drivers can work independently without waiting
- The most valuable part of the system is operating without stops



SHEET AND PLATE HANDLING

The TTS Liftec cassette system offers a flexible platform to transport steel sheets and plates with the possibility of easily arranged intermediate storage between the processing points.

- Easy securing of sheets or plates on cassettes
- Cassettes can be utilized for intermediate storage, reducing handling damages
- No need for cranes in the storage area
- Driver can pick up the load, transport and leave it independently without the need of additional cranes



SCRAP HANDLING

The TTS Liftec offers durable non-tipping and tipping solutions for scrap material handling with easy material flow monitoring.

- Scrap cassettes are designed to tolerate rough handling
- Translifters can be equipped with a High-Precision scale to help monitor material flow
- No need of separate weighing stations
- Tipping cassettes for easy unloading of scrap material
- Zero waiting time for the driver



OTHER MATERIAL HANDLING AND MILL SERVICE

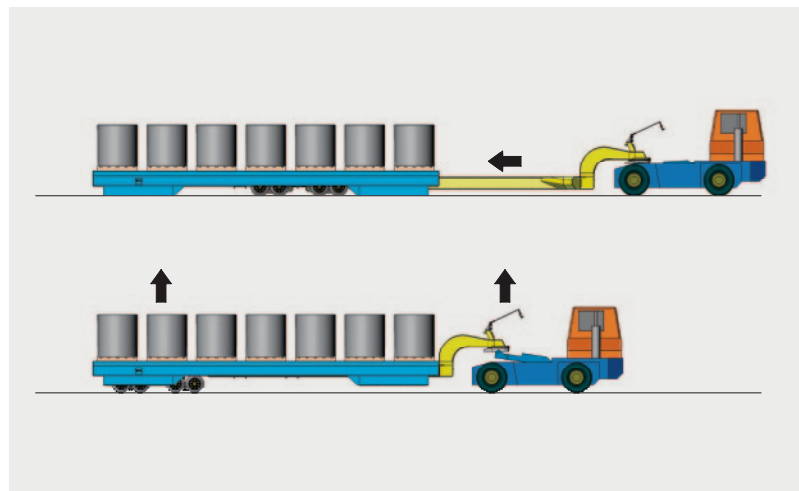
For the purpose of other material handling and mill service transports in metal production environments, TTS Liftec can provide special cassettes to be used with standard translifters.

- Special cassettes for long products, ingots, steel casts and other forms
- Cassettes for mill service to transport; i.e. mill rolls
- Tailored cassettes secure the loads safely



SELF-LOADING PRINCIPLE

A translifter is lowered and 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.



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