The ELME Spreader Model 588TB INNOVATION is the New Generation telescopic side lift spreader with vertical twistlocks for the handling of single empty ISO and Binnencontainers.

588TB INNOVATION is designed to be integrated in the mast of a forklift truck. The spreader can handle 20 and 40ft ISO and Binnencontainers and also one 45ft container in the 40ft’s position.

**INNOVATIVE DESIGN**
INNOVATION’s heavy duty single handling spreaders originates from the double handling design concept. The new and improved design implies a reinforced spreader with an increased structural strength, enhanced durability, optimized hydraulic system, increased visibility for the driver and numerous other improvements for an outstanding functionality.

Mechanical pile slope (MPS) in 588TB INN. are vertical floating end-posts, including the bottom support. Floating end-posts simplifies picking up containers in a slanted angle.

**TWISTLOCK SYSTEM**
588TB INN. has hardened ISO quick exchange twistlocks, hydraulically activated and mechanical interlocking against faulty locking and unlocking. The vertical twistlock principle offers the following features:
- Two twistlocks enter the top corner castings and lock the spreader onto the container.
- 588TB INNOVATION’s width is adapted to the dimensions of the container, which means that all containers can be fully blockstacked and still remain accessible.
- ISO containers and Binnencontainers can be picked up without any modifications to the spreader.

**CONTROL AND PROTECTION SYSTEM**
The ELME Neuron CAN bus system, designed for maximum robustness, monitors the state of the spreader at all times. Indicator lights advise the operator when the spreader is correctly seated, locked or not locked. Each signal is a precondition for the important protection functions of the spreader such as twistlock activation, telescoping and lift interrupt. Neuron uses J1939 protocol which provides fault code messaging to alert driver and maintenance personnel of possible component failures.
**MODEL 588TB INNOVATION**

**TECHNICAL SPECIFICATIONS**

- **Type of lifting system**: Two vertical twistlocks
- **Type of stacking**: Normal and block stacking
- **Spreader weight (TW)**: 3,600 kg
- **Carriage weight (MPS)**: Approx. 1,000 kg
- **Lifting capacity (SWL)**: 9 tonnes
- **Telescopic positions**: 20 and 40ft
- **Telescoping speed, 20-40ft**: < 12 sec.*
- **Telescoping speed, 40-20ft**: < 14 sec.*
- **Sideshift**: ± 600 optional ± 400 mm
- **Mechanical pile slope (MPS)**: At 20ft position: approx. 200 mm
- **Vertical floating end-posts**: At 40ft position: approx. 200 mm
- **Hydraulics, operating pressure up to**: 140 bar
- **Hydraulics, flow**: Max. 60 L/min
- **Electric - control voltage**: 24 VDC
- **Communication**: CAN 2.0B
- **Colour**: Black grey RAL 7021

*Calculated speed at 60 L/min

All specifications are subject to change without notice. A list of options enables you to adapt the product more precisely to your needs and further information is available on request.