



# TRUCK LOADING SYSTEM

DEDICATED TO CLEAN AIR

## TLS – Truck Loading System

TLS is an advanced loading system for trucks with moving floor trailers, distinguished by its innovation and the highest safety standards. Modern technology ensures full automation, significantly enhancing process efficiency.



## Benefits of Using TLS – Truck Loading System

### **SAFETY:**

Advanced security systems protect users and equipment from damage.

### **EFFICIENCY**

Fast loading processes and automatic levelling boost operational performance.

### **AUTOMATION**

The entire loading process is fully visualized on a 7" control panel, with options for manual control and operation for service.



## Key Features of TLS

### – Truck Loading System

- 🌀 **Hydraulic lowering and lifting system**
  - smooth, controlled and safe loading
- 🌀 **Automatic pin locking system for parking mode**
  - stability and safety of the loading system during stops
- 🌀 **Automatic levelling system**
  - controlled and safe lowering and lifting of the system
- 🌀 **Hydraulic brake**
  - protection against mechanical damage to the hydraulic hose system
- 🌀 **Trailer edge detection sensors**
  - protection against trailer damage and monitoring of the entire system during loading
- 🌀 **Conveyor chain break detection**
  - immediate detection and response, ensuring continuous operation
- 🌀 **Trailer fill sensor**
  - with precise calibration relative to the trailer's capacity
- 🌀 **Automatic or manual control**
  - with full visualization in the control cabinet
- 🌀 **Operating temperature range: from -20°C to +50°C**
- 🌀 **Designed for loading trailers with moving floors**
  - Internal length of the loading space approx. 13,500 mm
  - Width of internal cargo space approx. 2,470 mm
  - Internal height of the cargo space approx. 2,700 mm
- 🌀 **Maximum loading capacity: 90 m<sup>3</sup>**
- 🌀 **Trailer loading time: only 1 hour**





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