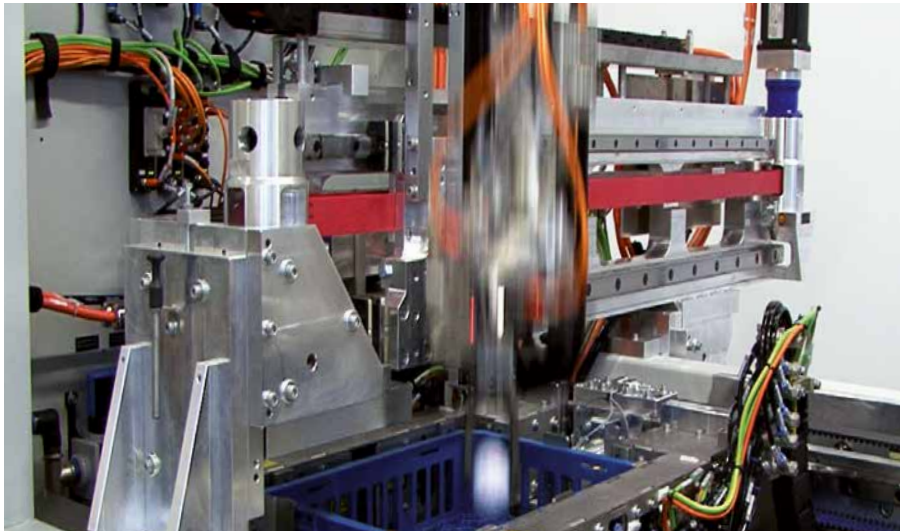


# Palletization

Supply and store products flexibly



## Objectives

Modern production lines require the supply and storage of products in pallets or trays. The STIWA palletization combines a maximum of flexibility and standardization with innovative solutions for flexible high-performance automation.

Intelligent kinematics are used for pallet transport. Two servo motors move the pallet lift by a stiff carbon cam belt with deflection pulleys. This makes the lift move with great dynamics.



## Advantages

- Designed for international use
- Standard interfaces for easy integration
- Integrated type data and user administration
- Pallet hot swap
- Safety first: auto-positioning protection separates the operator from the machine room
- Automatic detection of the stack height
- Integrated leveling for exact positioning of the pallet stack
- Automatic locking and exact positioning of the pallet truck
- CI technology allows free configuration of positions and quick startup

## Details

- Standard sizes:

euro-pallet	dimensions
1/8	300 x 400 mm
1/4	400 x 600 mm

- Stack height up to 900 mm
- Manipulation weight: 60 kg
- Min. pallet changing time 5 sec.
- Control interface interoperable with common fieldbus systems
- Additional extensions possible: e.g. custom pallet gripper, automatic pallet feeding system or transfer handling
- Additional console for teaching palletization geometry and positioning

