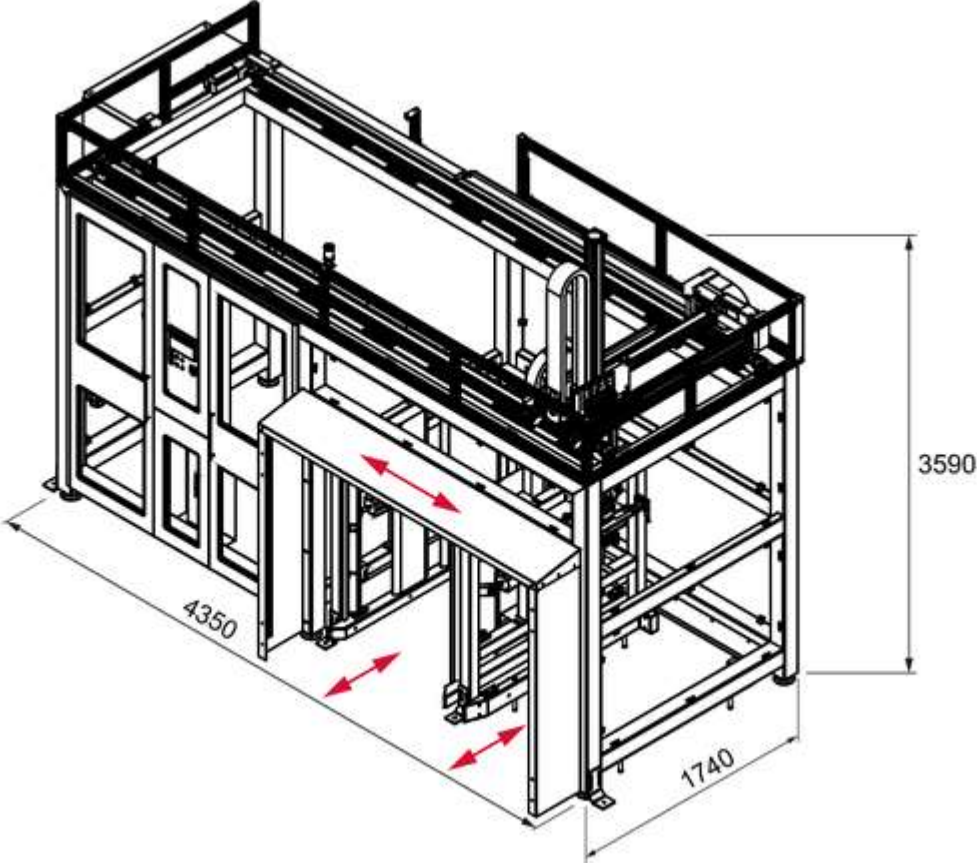


euroSTACK



Features

- for trays provided on Euro pallets
- manual pallet loading or band loaders for massive increase of storage capacity
- for large workpiece amounts with high autonomy
- direct workflow from and to the Euro pallet via pallet handling
- equipment without interruption during operation
- pallet stack alignment unit
- loading or unloading of workpieces via integrated individually configurable product handling
- maximum safety by separate safety areas for product and pallet handling
- can be integrated into new and present systems

Technical data

** each on Euro pallet to UIC 435/2 (1200 x 800 mm)*

pallet size (L x W)*	800 x 600 mm (Euro/2)
	600 x 400 mm (Euro/4)
	400 x 300 mm (Euro/8)
pallet weight max.	30 kg
V_{\max} product handling	3 m/s
cycle time product handling	3 seconds
stacking height	1500 mm
pallet change time	< 6 seconds

Product handling variants

drive type	spindle- drive	toothed belt drive	direct drive
max. handling weight product & gripper	5 kg	3 kg	1 kg
repeat accuracy	+/- 0.05 mm	+/- 0.1 mm	+/- 0.02 mm

Controls

- PA-CONTROL Touch, Siemens SIMATIC S7, Beckhoff
- predefined programme versions
- pre-definable pallet grids
- integrated I/O or bus interface for the superordinated process

Options

- clean room or ESD-design
- automatic pallet supply via conveyor belt
- traceability function
- label printing for filled trays

Areas of use

- automotive
- electronics industry
- plastic technology
- pharmaceuticals industry
- medical technology
- telecommunications

Autonomy comparison

Example valid for pallet size 600 x 400 x 50 mm - equipped with 24 parts.

palletising system	varioSTACK	euroSTACK
stacking height [mm]	620	1500
possible pallet number	11	116
loading processes	11	1
autonomous operation (cycle time 3 seconds)	13.2 min.	139.2 min.