

# ATS Clearliner 1000 Pallet Handling System



The ATS Clearliner 1000 is ideal for all pallets from approximately 800 to 1000 millimeters.

This solution includes loading units that remove trays from pallets, and pick-and-place units that remove components from trays.

## Value-added options

- Extensible to include further stacks
- High-speed conveyor for Euro/ISO pallets
- Reversible operation
- Separation of trays by force
- Detection of trays contents
- Tray turning module
- Paper handling module
- Part orientation units
- Rapid gripper-changing system
- Bad and SPC part handling
- Central lubrication



**Clearliner 1000FT**



**Clearliner 1000S**

- Plate for add-on processes
- Integration of inspection processes, e.g. with cameras, assembly processes, factory control systems, barcode and DMC scanners
- Profibus/Ethernet interfaces
- Integration of external plant and machines
  - Communication with external equipment
  - Workpiece handling
- Clean design for cleanroom class 10000

ATS Clearliner	1000 / 1000S / 1000F
Workpiece weight	up to 30 kg
Tray weight	up to 30 kg
Pallet weight	up to 750 kg
Tray sizes	300 x 400 mm up to 600 x 800 mm

Height of tray stack	max 1200 mm
Processing time	1000>15 sec / 1000S>10 sec/ 1000F>25 sec
Stack transfer	Conveyor belt, dumping ground
Footprint	3300 x 2500 x 2700 mm
Conveyor system	Euro / ISO - pallet

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