

ATS Clearliner 400M Trayhandling System

Robust, dynamic and versatile, the Clearliner range was specially developed for efficient, dynamic automation in the pharmaceutical and medical sector.

The Clearliner 400M is perfect for applications with relatively light - weight trays that can be fed and removed under ideal ergonomic conditions. Its space-saving footprint and the option of positioning part handling perpendicular to the material flow make the Clearliner 400M a popular choice for automating pharmaceutical products.

Value-added options

- Extensible to include further stacks
- Tray handling via linear axes or robots
- Separation of trays by force
- Detection of tray content
- Tray turning module
- Part orientation units
- Rapid gripper-changing system
- Bad and SPC part handling
- Central lubrication
- Clean design for cleanroom class 10.000
- Plate for add-on processes
- Integration of inspection processes, e.g. with cameras, assembly processes, weighing and labeling modules, factory control systems, barcode and DMC scanners
- Profibus/Ethernet interfaces
- Integration of external plant and machines
 - Communication with external equipment
 - Workpiece handling

Clearliner	400M
Workpiece weight	up to 30 kg
Tray weight	up to 50 kg
Stack weight	up to 50 kg
Tray sizes	up to 400 x 600 mm
Stack height	up to 600 mm
Tray exchange time	6s
Stack transfer	Conveyor belt / transfer level 1.200 mm
Footprint	2.400 x 700 x 2.350 (LxBxH)

Clearliner 400M without handling



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Clearliner 400M with handling

