

STORAGE



Product Sheet **MPHS LINEAR STOCKER**

High-speed cleanroom stocker system

The **high-speed** stocker provides fully automated storage of FOUPS, cassettes or reticle boxes. The system is designed for **maximum density** and **flexible cleanroom positioning**.

Features

- \checkmark High density storage for minimum footprint
- Freely configurable auto and manu ports on all stocker sides and positions
- ✓ Light-weight shelf design
- Option for bedless installment
- \checkmark Vision-based self teaching and auto adjustment
- \checkmark ISO-5 cleanroom class
- ✓ SEMI E88 MES integration, GEM SECS
- Configurable stocker height and length

Images

This page: Customer solution MPHS Linear Stocker enclosure *back page:* Stacker crane and one shelf with manual load ports

System Modules

- High-speed stocker crane with single or gantry x-axis
- Good-specific handler types
- Light-weight, configurable shelf
- Internal or external switch cabinet





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Loadports

Standard configuration:

- 2x auto port OHT or 2x auto port conveyor
- 2x manu ports
- AGV interface (optional)

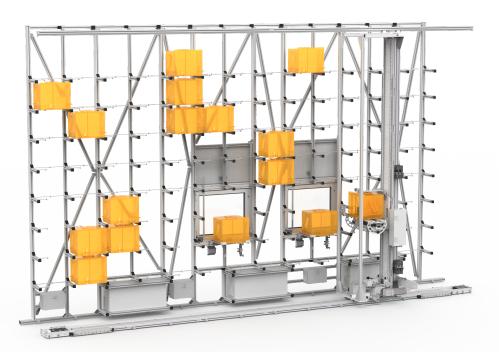
Port number and position freely configurable

Technical Details

Operated Goods

- FOUP | FOSB for 300mm wafer
- Cassettes for various wafer sizes
- Reticle boxes of various types

4.000mm - 12.000mm
2.800mm - 6.000mm
1.600mm
450kg
~5kg per storage place
<25 seconds
RFID, barcode or visual options available
400V 20A 1-4kVA power supply 6bar 100nlpm compressed air Gigabit Ethernet connection



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