

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

- ✓ 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
- ✓ Vision-based self teaching and auto adjustment
- ✓ ISO-5 cleanroom class
- ✓ SEMI E88 MES integration, GEM SECS
- ✓ Configurable stocker height and length

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

Images

This page: Customer solution MPHS Linear Stacker enclosure

back page: Stacker crane and one shelf with manual load ports





Product Sheet

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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

Operated Goods

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

Technical Details

Length	4.000mm - 12.000mm
Height	2.800mm - 6.000mm
Width	1.600mm
Weight	
Stacker crane	450kg
Empty shelf	~5kg per storage place
Average storage time	<25 seconds
Goods identification	RFID, barcode or visual options available
Media requirements	400V 20A 1-4kVA power supply 6bar 100nlpm compressed air Gigabit Ethernet connection

