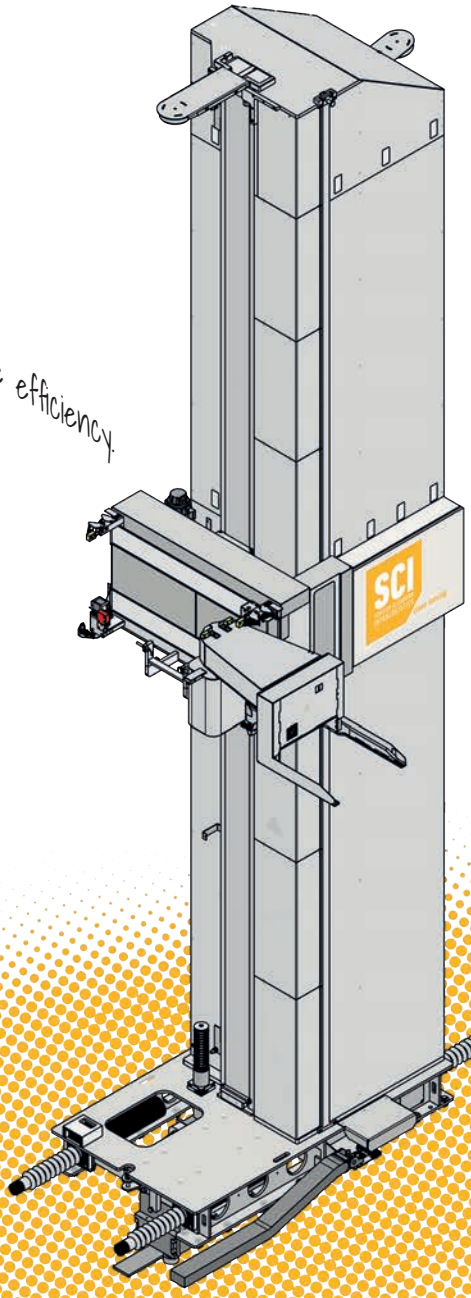
MAX STOCKER

The largest storage system on the market

FABMATICS

SCI becomes Fabmatics
Effective November 1, 2026

Clean solutions for pure efficiency.



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System Specifications

Technical Data	
Compatible Carrier Types	FOUP / FOSB
ISO Class	5
Length	Max 47 m
Width*	2,75 m
Height	6,1 m
Average delivery rate	* 20 - 25 sec.
Interfaces	SEMI-E88 MCS / SEMI-E84 Transfer
Control System	Siemens S7 PLC
Inventory Management	SWarePro
Power Consumption	8.4 kW

* Depends on carrier type and if single or double towers
** Custom adjusted heights possible



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Application

The Max Stocker is our largest storage system designed for the automated storage and retrieval of semiconductor wafer carriers throughout various stages of the manufacturing process. It is also currently the largest stocker of its kind on the market. This is a support system of precision and efficiency paramount in the production of microelectronic devices, serving as a bridge between different tools and equipment, that ensures a smooth flow of production while maintaining product integrity and cleanliness.

Storage Spaces	
FOUP single deep	Variable according to request
FOUP double deep	Variable according to request

Key Benefits

- Configuration and design optimized to customers' requirements.
- Maximum uptime
- Low cost of ownership
- High storage density
- Vibration free transport

The Max Stocker can have single or double deep shelves, offering a variable number of storage possibilities with a compact footprint. The storage up to ISO class 5 ensures a contamination free storage in a vibration free environment. The Automated retrieval governed by the EMS minimizes manual handling and eliminates the risk of errors.

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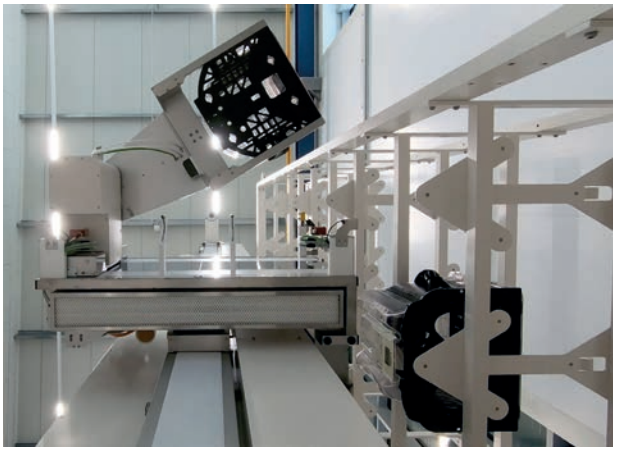
The largest storage system on the market

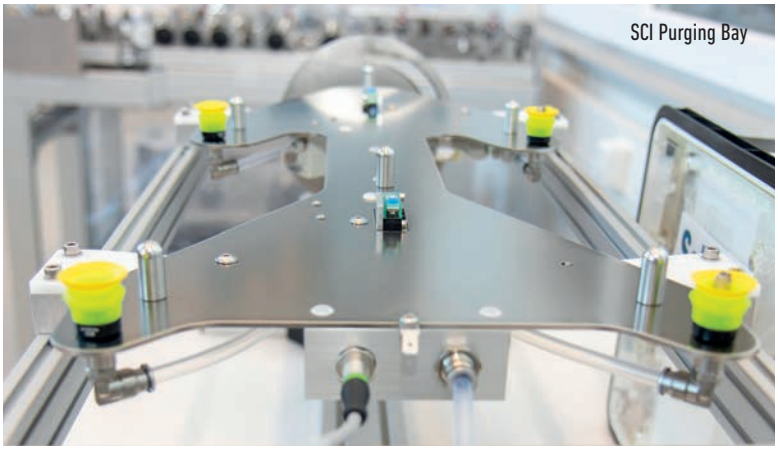
System Extras and Configuration Options

Extras
Manual ports (rotary gates)
OHT I/O connections
Magnetic Conveyor extensions
FFU (Fan filter units) in different ISO classes
Nitrogen purging ports
Fire Warnings / smoke extraction / security systems
Cameras
Extra door
Extra computer administration point
Bare Wafer Sorter
Dockingstation for transport trolley / cart
Connection to other equipment ports

Key Benefits

- ★ Enhanced process efficiency
- ★ Minimizing breakages and contamination
- ★ Improved supply chain management





SCI Purging Bay

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Our commitment to Industry 4.0

- Our systems support IoT
- Interconnected Systems
- Data Security
- End-to-end visibility
- Preventative maintenance software and analytics

Our commitment to the Environment

- Energy efficiency
- Reduced carbon footprint through our corporate philosophy,
  using local providers, minimizing packaging,
  electric cars

Summary: SCI Max Stocker

The Max Stocker is available in a variety of configurations adjusting to different carrier and tool types. Each system can be customized to suit your applications and requirements.

MORE INFORMATION

email sci@schiller.de
web sci.schiller.de

Website and Video:
Get more information and see how the Max Stocker works!

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