

SCI

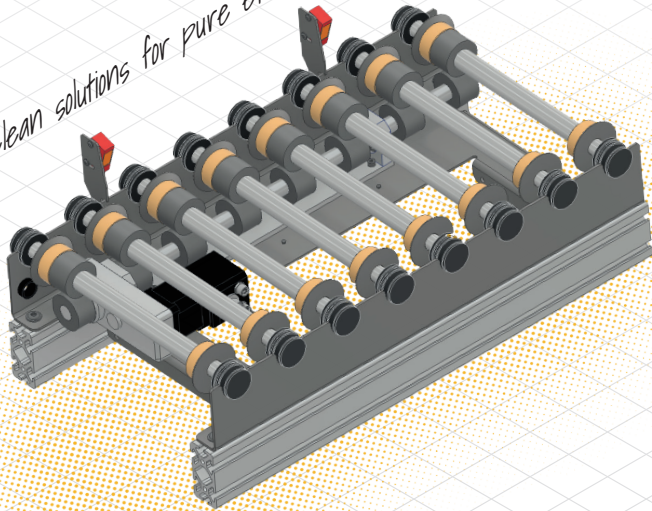
SCHILLER CLEANROOM
INTRALOGISTICS

clean moving.

TRANSPORT SYSTEMS

RELIABLE CLEANROOM TRANSFER
FOR RETICLE PODS

Clean solutions for pure efficiency.



The core: The SCI Conveyor System

Designed to transport reticles, wafer carriers, equipment, and/or materials between different stages of the semiconductor manufacturing process efficiently and with extreme care.

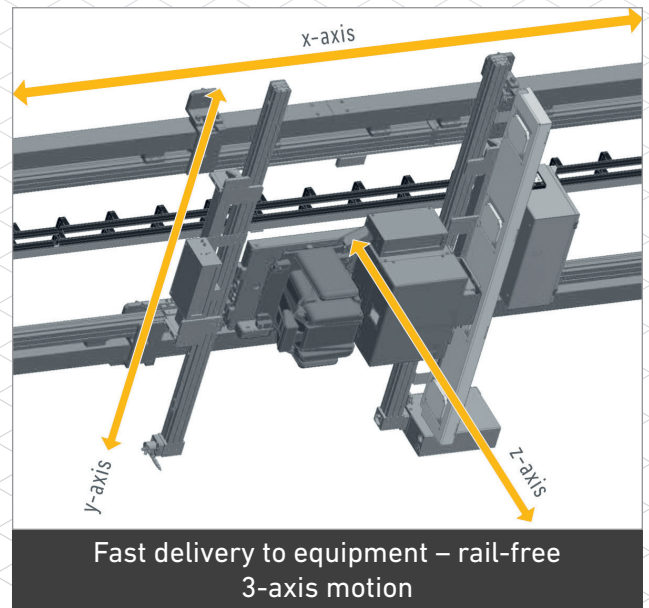
Highly automated, with sensors, controls, and software ensure precise movement, positioning, and synchronization of materials throughout the fab. This automation minimizes the risk of human error and maintains a controlled and clean manufacturing environment.

The design of the conveyor system can vary depending on the specific manufacturing process and the layout of the facility.

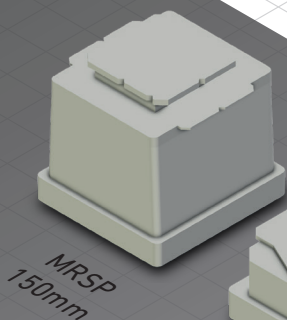
For OHT transport: SCI Linear Hoist System

The Linear Hoist is our Overhead Transport Systems (OHTS) as well as storage system for the automated storage and retrieval and delivery of different reticles, wafer carrier types and/or tools throughout the intrabay.

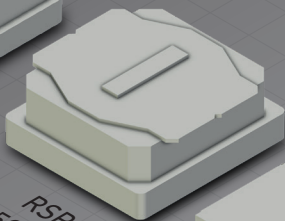
It serves as a bridge between different tools and equipment, ensuring a smooth production flow while maintaining product integrity and cleanliness.



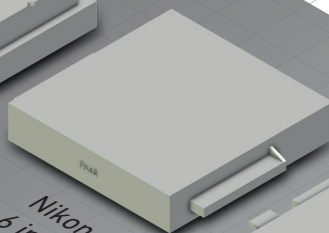
Available for all reticle pods such as:



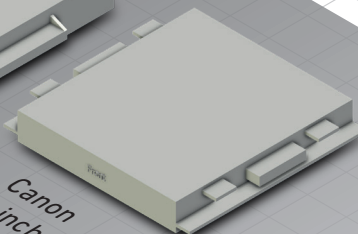
MRSP
150mm



RSP
150mm

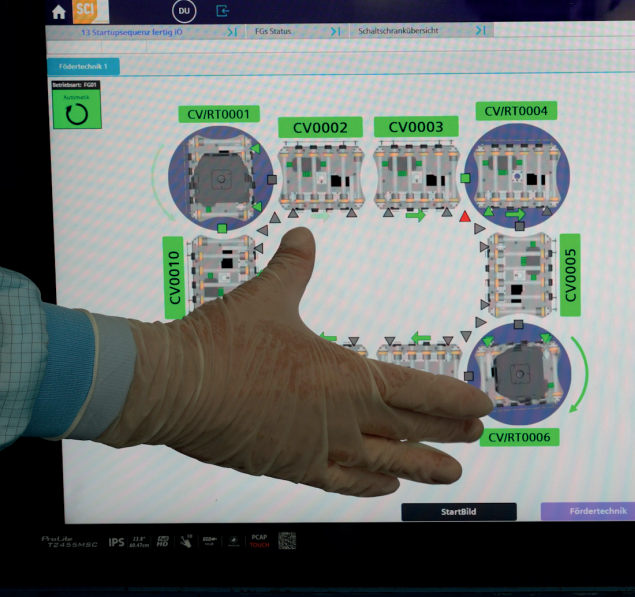


Nikon
6 inch



Canon
6 inch

All SCI transport
systems are suitable
for use up to
ISO Class 3



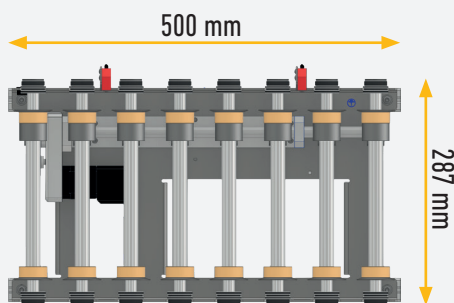
Light & Compact by Design – Optimized for Performance

With a smart drive unit, precise magnet positioning, and a well-engineered base body, our conveyor system is both light and compact – ensuring maximum efficiency without compromise.

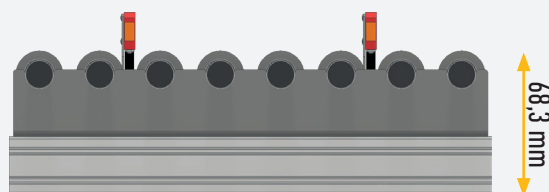


COMPACT DIMENSIONS

Space-Saving Design for valuable cleanrooms



Top View



Side View



LIGHTWEIGHT DESIGN

Just 11 kg per unit



FURTHER ADVANTAGES

Drive with integrated controller

- ✓ Faster installation

Optimized sensors

- ✓ Less space required, easy installation

Field bus system (PROFINET)

- ✓ Reliable industrial standard components

Contact

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