SCI
SCHILLER CLEANROOM
INTRALOGISTICS
clean moving.

The Schiller Linear Stocker is the scalable and reliable decentralised storage system in a cleanroom. Manual I/O ports and the connection option to OHT or conveyor systems enable flexible use of the Linear Stocker in the production environment. The cleanroom-optimised design with a passive gripper, inductive energy transfer to the x-axis, and optional extraction of axes enable storage of products in cleanroom environments up to ISO class 4. The Linear Stocker warehouse management is implemented via SWarePro, the intelligent warehouse management system from Schiller. The inventory level may be recorded and documented at any time using various statistics and inventory functions. The Linear Stocker is able to be used for decentralised storage, as well as for sequencing or commissioning production batches.

Technical data

STORED GOODS	**AVERAGE DELIVERY RATE**	**IO-PORTS**
Adaptable to any customer-specific requirements e.g. product carriers, Box HA200, FOUP, FOSB	Approx. 22 sec. (160 containers/h)	Manual I/O ports (rotary gates) Automatic I/O ports (OHT Connection) Connection to equipment possible
INTERFACES	**OPERATION**	**INVENTORY MANAGEMENT**
SEMI-E88 MCS SEMI-E84 Transfer	HMI-Panel	SWarePro
POWER CONSUMPTION (AVERAGE EFFECTIVE POWER)	**CLEANROOM CLASS**	**CONTROL SYSTEM**
8 kW	ISO class 4	SIEMENS S7 PLC
DIMENSIONS		
Height / Width [max.]: 4000 mm / 1400 mm Length [max.]: 6000 mm		

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