The Schiller Radial Stocker BC provides a storage system that is both efficient and space-saving in ISO class 4 cleanroom conditions. Manual stocking and removal by the operator, as well as automated transfer and retrieval by OHT or conveyor systems are possible with the Radial Stocker BC. The footprint of only 1800 mm x 1800 mm is achieved with the compact arrangement of the robot axes for a very high packing density. Control of the Radial Stocker BC takes place with a SIEMENS PLC in combination with the SWarePro warehouse management system from Schiller. Various statistics and tracking functions and inventory runs offer complete monitoring of the inventory.

Advantages: easy maintenance due to extendable mounting plate and handler ▪ built-in lighting ▪ prepared for the installation of a smoke extraction system ▪ camera on gripper provides real-time images and records the last 3 days ▪ prepared for enclosure (frame connection to clean room ceiling)

Technical data

STORED GOODS	AVERAGE CYCLE TIME	IO-PORTS
HA200	Type A: 28 sec. Type B: 30 sec. Type C: 32 sec.	1x Manual I/O port (rotary gate) Up to 4x Automatic I/O Ports (1 Input and 1 Output per unit, customizable position (possible on all 4 sides))

INTERFACES	OPERATION	INVENTORY MANAGEMENT
SEMI-E88 MCS SEMI-E84 Transfer	Desktop PC [Win10, 17"-Panel] PROGEA MOVICON [high-end visualization]	SWarePro

POWER CONSUMPTION (AVERAGE EFFECTIVE POWER)	CLEANROOM CLASS	CONTROL SYSTEM
0.8 kW	ISO class 4	SIEMENS S7 PLC

DIMENSIONS

Height:
1800 mm x 1800 mm
Type A: 3100 mm (84 **storage spaces**)
Type B: 3370 mm (95 **storage spaces**)
Type C: 3920 mm (117 **storage spaces**)

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www.schiller.de