

SCHAEFER MINILOAD CRANE



THE LONG-AWAITED COMPLETION OF THE SSI SCHAEFER PRODUCT RANGE

Thanks to the Schaefer Miniload Crane (SMC) SSI SCHAEFER now also completely covers rack automatization for totes and cartons.

The new SMC perfectly compliments the well-established SSI SCHAEFER products SCS and SQS. Thus you can choose between storage and retrieval systems (SMC), carousels (SCS) and quad systems (SQS). No matter what you require from storage capacity and throughput, SSI SCHAEFER has the suitable solution for you.

The broad SSI SCHAEFER product range provides unlimited solution options to meet individual requirements.

The experience in warehouse automation gathered by SSI SCHAEFER went into the development of the SMC. For this reason, the SMC not only offers a superior price performance ratio but is also designed for quality and durability from start to finish.



- ▲ Double-deep storage
- ▼ Room in pre-zone thanks to compact built



2 SMC BENEFITS AND APPLICATION

The SMC is the ideal solution for maximum usage of vertical storage direction and little floor space at the same time. Since cartons, trays or totes are used as carriers, there are hardly any limits to form and surface of the parts to be stored or buffered.

SSI SCHAEFER provides a wide range of solutions for the integration of the SMC into automatic and manual warehouse equipment from goods-in to picking stations to shipping.

The SMC is especially suitable for the following sectors:

- ▶ Car spare parts
- ▶ Books and other media
- ▶ Office supplies
- ▶ Electrics and electronics
- ▶ Household goods
- ▶ Cosmetics
- ▶ Food
- ▶ Pharmaceutical articles
- ▶ Textile warehouse and wholesale

SSI SCHAEFER provides a wide range of solutions for the integration of the SMC into automatic and manual warehouse equipment



▲ SSI SCHAEFER conveying systems



▲ Goods-in workstation



▲ Pick-to-Tote workstation

The sophisticated construction of the SMC is designed for maximum customer convenience. The consistent application of high-quality steel guarantees high durability and safety while incurring only minimal costs. Diagonal bracing of the tower serves to achieve little weight, high dynamics and thus increased throughput. Also the chassis with steel rail and established Omega drive is designed for high availability and little wearout.

Since the SMC control is also produced by SSI SCHAEFER it can be customized, for instance, to adjusted behavior while accelerating and braking.

The new SMC by SSI SCHAEFER is a perfect solution for:

- ▶ optimizing the storage volume
- ▶ enhanced stock accuracy and optimization
- ▶ adapting to your individual storage strategy
- ▶ secure storage of sensitive or valuable goods
- ▶ high availability
- ▶ short order flow times
- ▶ flexible adaptations to modified logistics parameters and processes
- ▶ relieving employees from physically demanding tasks
- ▶ high work safety
- ▶ reduced personnel costs

TECHNICAL DATA

Series SMC-1

Aisle width	850 – 1,500 mm
Load	max. 100 kg
Heights	6 – 14m
Storage	single- and double-deep
Acceleration	> 4 m/s ²
Speed	> 5 m/s
Bottom distance	400 mm
Top distance	680 mm
Temperature range (not condensing)	-30° to +45° C

Technical data for further series upon request.



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