

# SSI FLEXI SHUTTLE

Intelligent functional variety, variable storage location sizes and maximum modularity.

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**NEW  
PRODUCT  
2018**

FLEXI SHUTTLE

**SSI SCHÄFER**

# SSI FLEXI SHUTTLE

The scalable single-level shuttle designed for use in highly dynamic automated miniload systems with dynamically adaptable storage location sizes to store a wide variety of transport units of up to 50 kg.



## Technical Data

SSI Flexi Shuttle	
Speed	up to 4 m/s
Loads	up to 50 kg
Max. dimensions (LxW)	860 x 680 mm (incl. tolerances)
Loading units	Cubic/ conical bins, cartons, trays
Length	up to 150 m
Height	up to 30 m
Storage	single-, double- and multiple-deep

The SSI Flexi Shuttle is an innovative solution for space-optimized storage of cartons, trays, and cubic and conical bins. The modular concept, which combines shuttles, lifts, and a racking system, allows tailored and highly flexible system concepts with excellent use of space and high levels of technical performance.

Thanks to the universal load handling device with adjustable width, the Flexi Shuttle can adapt to single-, double-, and multiple-deep storage of a broad spectrum of loading units and dimensions, even in deep-freeze conditions.

Unique: The rack conception with dynamically adjustable storage location sizes. Omitting permanently

allocated x-storage positions, the rack conception facilitates space-optimized shelf occupancy with maximum storage density. This can even be achieved with a high diversity of loading units and a broad spectrum of transport dimensions.

Considerable increases in performance can be achieved in conjunction with the patented 3D-MATRIX Solution®. As well as having high-performance lifts installed at the end of the aisles this solution also allows any number of integrated lifts to be installed in any position throughout the storage aisles. It is therefore possible to combine highly dynamic solutions with automated storage, buffering, and integrated sequencing in just one system.

## AT A GLANCE

- Tailored and expandable system concepts with excellent use of space and performance
- Secure handling of a wide variety of loading units, each of which can have a load capacity of up to 50 kg
- Dynamically adjustable storage location sizes allow flexibility and maximized storage density over the whole service life of the system
- Suitable for use in deep-freeze environments
- Maximization of technical performance and option to integrate with 3D-MATRIX Solution®
- The innovative energy supply for the shuttle uses supercapacitors to ensure the highest energy efficiency
- Secure and high-performance communication using Siemens Industrial Wireless LAN (IWLAN)



# SIX REASONS FOR CHOOSING SSI SCHAEFER:

- **Stability:**

As a financially independent family business, SSI SCHAEFER is committed to long-term solutions. You can trust that our team of experts will be there for you today, tomorrow and in years to come.

- **Efficiency:**

SSI SCHAEFER solutions are scalable and able to grow with your business. You can always upgrade or retrofit.

- **Quality:**

As a systems specialist and original equipment manufacturer, SSI SCHAEFER provides tailor-made and high-quality solutions from a single source, specifically designed to meet your challenges.

- **Reliability:**

Thanks to our worldwide Customer Service & Support network, SSI SCHAEFER ensures smooth operation of your system, both during and after installation.

- **Know-how:**

SSI SCHAEFER solutions are always up-to-date with the latest technological standards and can be easily integrated into an existing (IT) landscape.

- **Internationality:**

As a global organization, SSI SCHAEFER has local offices worldwide. With over 70 operative subsidiaries, our team of experts speak your language.

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