

DS 800 Stacker



DS 800-M
Version 01/2021

Machine Design

- Machine frame in solid steel construction
- Dimensions size M: approx. 640 mm (W) x approx. 2000 mm (H) x approx. 2800 mm (L)
- Window with safety glass
- Automatic stainless steel safety doors for input and output
- Resistant powder coating in RAL 7035
- Control Siemens S7 with Colour touch panel (Available as integration kit for OEM customers)

Versions

- **DS 600-S** for container sizes up to 400 x 300 x ca. 50 mm
- **DS 800-M** for container sizes up to 600 x 400 x ca. 50 mm
- **DS 800-L** for container sizes up to 800 x 600 x ca. 50 mm

Advantages

- Robust design
- Flexible use
- Low investment costs
- Quick box/tray change
- Customer-specific containers
- Simple operation
- Workpiece-protecting stacking process

Options

- Parts handling, by industrial robot or Cartesian 3-axis system
- Cycle axis operation
- Memory capacity expansion
- Tray centring

- Container sizes up to 800 mm (W) x 600 mm (L)
- Stack height: max. 800mm
- Container change time: ≤ 5 s. possible
- Container/stacker weight: max. 5/30 kg

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We reserve the right to make technical changes.
Technical information subject to individual checks

Stacker - DS 800

Areas of application

Feeding and storage system for light to medium-weight articles in product carriers (tray). Feeding of containers to the Storage in automated production. Especially for surface- or contour-sensitive components.

Technical information		DS 600-S	DS 800-M	DS 800-L
Tray size	mm	up to 400 x 300	up to 600 x 400	up to 800 x 600
Tray change times	s.	approx. 5		
Tray weight	kg	up to 5		
Stacker weight	kg	up to 30		
Positioning accuracy	mm	Depending on container type, up to ± 2 mm possible		
Supply voltage		400 V / 50 Hz / 3 ph		
Compressed air connection	bar	min. 6		
Control/drives		Siemens S7		
A Width (standard)	approx. mm	640	640	900
B Height (standard)	approx. mm	2000		
C Length (standard)	approx. mm	2200	2800	3400
Parts handling X Y Z	mm	Optionally Cartesian system or robot		
F Stacking height (standard)	mm	800	800	800
Tray transport direction		crosswise	longitudinal	longitudinal

