



Technical information

Stahlfolder P-Stacker

Autonomous stacking of signature production

With the brand new Stahlfolder P-Stacker, modern robotic technology becomes part of your postpress.

This, combined with the innovative gripper technology and the sophisticated feed section, results in a coherent overall solution for the completely autonomous stacking of the signature packages from the delivery onto the pallet. This allows you to easily further increase the utilization of the folding machine while reducing the burden on the operator. You no longer have to worry about the quality of the piles on the pallet.

Stahlfolder P-Stacker at a glance:

- Robust, durable industrial robot
- One gripper for all standard signature formats
- Simple operation using a graphical user interface
- Automated insertion of intermediate layers by the robot
- Turning of the signature packages by the robot for downstream processes, such as saddle stitchers and perfect binders
- Over 30 set-down patterns available for different signature formats and pallet sizes
- Non-stop operation thanks to optimized pallet changing process
- Integrated alignment process for optimal packaging and piling quality
- Minimum distances between the signature packages, maximum utilization of the pallet area

Publishing information

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For details on the emissions of the Stahlfolder P-Stacker, please visit us at heidelberg.com/emissiondetails



Technical Information Stahlfolder P-Stacker

Dimensions	
Signature format length × width (max.)	330 mm × 330 mm
Signature format length × width (min.)	220 mm × 155 mm
Package height (max.)	160 mm
Package height (min.)	25 mm
Paper weight	60 – 250 g/m²
Package weight (max.)	8 kg
Performance	300 packages/hour
Pallet height (max.)	1,060 mm
Pallet format (max. Euro pallet EPAL 1) Length × width (max.)	1,200 mm × 800 mm
Paper weight for intermediate layer	135 – 250 g/m²
PLC control	Touchscreen
Number of grippers (max.)	1

Compressed air supply*	
Compressed air consumption (min.)	225 NI/min
Supply pressure unlubricated (min.)	6 bar
Coupling socket (min.)	NW 7.2

*The compressed air supply must be prepared by the customer.

Electrical performance	
3 × 400 V, 50/60 Hz	5 kVA
3 × 400 V, 50/60 Hz with 3 × 400 V transformer	5 kVA

Recommended back-up fuse	
3 × 400 V, 50/60 Hz	16 A
3 × 400 V, 50/60 Hz with 3 × 400 V transformer	16 A

Technical data depend on machine configuration, job, format, substrate and other factors, if any.
We reserve the right to make technical and other changes.



You can find more information about your Stahlfolder P-Stacker at: heidelberg.com/p-stacker