



Technical information

Stahlfolder TX 96

Maximum performance for signature production

The Stahlfolder TX 96 establishes a new performance level in signature production. This peak performance machine couples oblong format processing with shingled folding, combining two methods of increasing performance in one folding system. A reduction of the sheet infeed length means that more sheets are continuously transported over the same length. This enables you to achieve maximum output and efficiency in industrialized signature production – at low, quality-enhancing machine speeds for the best folding results.

The individual components of the folding system are optimally coordinated and designed for maximum productivity. They include the PFX pallet feeder with shingled sheet feeding, the two folding units, the palamides alpha hd 70 high-performance delivery and the Polar Transomat for automated stacking. In addition, the new folding system in the first folding unit extends the field of application: now shingled processing of all types of fold is possible. This way, you can achieve a continuous, reliable output of over 18,000 sheets per hour when producing 16-page signatures in A4 format.



You can find more about the technical data for the Stahlfolder TX 96 here:
heidelberg.com/tx96/technical-data

Publishing information

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For details on the emissions of the Stahlfolder TX 96 folding machines, please visit us at heidelberg.com/emissiondetails



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	Feeder	Folding units	
	PFX pallet	1 st station 96	2 nd station 82
Version		Automated	
Max. sheet size, width × length (cm)	96.5 × 132		
Min. sheet size, width × length (cm)	42 × 30		
Paper weight (g/m ²)	70 – 250		
Max. pile height (cm)	120		
Number of buckle plates		6	6
Max. fold length (cm)		67 ¹	
Comfort buckle plate, position 2			58
Combination buckle plate, position 1			
Min. fold length (cm)		15.2 ¹	
Comfort buckle plate		6	6
Combination buckle plate			
Max. speed (m/min.)		230	210
Min. speed (m/min.)		25	25
Diameter of folding rollers (mm)		44	44
MCT control system	touchscreen		control panel with display
Power consumption (kVA)	incl. pump		
3 × 400 V, 50/60 Hz, 50 A	6.3 / 6.8	in feeder	1.6
3 × 230 V, 50/60 Hz, 63 A	6.3 / 6.8	in feeder	1.6
Compressed air consumption at 5 bar (l/min.)	≥ 2,000		
The compressed air supply must be provided by the customer. It must satisfy the following specifications, as a minimum:			
• Quick-release coupling DN 10 (NPS) with a minimum flow rate of 3,000 l/min.			
• Compressed air quality to ISO 8573-1:2010 (4-4-2)			

¹ Comfort buckle plate with continuous sheet stop and separate sheet deflector

Technical data subject to machine configuration, job, format, substrate and possibly other factors.
The combination of individual features may vary from one country to another.

1 cm equals 0.3937 inches.