



Technical information

Stahlfolder Ti

Small machines for big added value

The Stahlfolder Ti 36 and Ti 52 folding machines are a big solution in the small and medium-size format range. With up to two folding stations and various packages of options, these flexible all-rounders not only reliably cover a wide range of fold types – they can also handle challenging jobs with ease. Of the two, the Stahlfolder Ti 36 is designed for small formats and miniature folding applications with a minimum fold length of 20 millimeters, such as mini booklets or packaging inserts for pharmaceutical products. The Stahlfolder Ti 52, on the other hand, satisfies diverse customer requirements in the medium-size format, by combining buckle plate folding stations, cross-fold units and accessories such as a gate fold buckle plate and various gluing devices. What's more, you can combine the Stahlfolder Ti 52 with downstream stations of the Stahlfolder Ti 36, to enjoy the advantages of both machines in a single configuration. On this basis, you can produce folded products with high added value and rapidly get a return on your investment.



You can find more about the technical data for the Stahlfolder Ti here: heidelberg.com/ti/technical-data

Technical data

Stahlfolder Ti 36

	Feeder		Folding units		
	Flat pile	NSF 36 ¹	1 st station 36	2 nd station 36	KBi 36 ²
Version			Manual		
Max. sheet size, width × length (cm)	36 × 65	30 × 21			36 × 26
Min. sheet size, width × length (cm)		8 × 12			8 × 12
With sheet separator	8 × 10				
With Tremat ³	14 × 18				
Paper weight (g/m ²)	40 – 250	40 – 250			
Max. pile height (cm)	58	7.5			
Number of buckle plates			6	6	
Max. fold length (cm) position 1			43	35	
Min. fold length (cm)			2	2	
Max. speed (m/min.)			160	160	
Min. speed (m/min.)			10	10	
Diameter of folding rollers (mm)			32	32	32
CCT control system	control panel with display	control panel		control panel ⁴	control panel
Power consumption (kVA)	incl. pump				
3 × 400 V, 50/60 Hz, 25A	2.1		0.2	0.2	0.15
3 × 230 V, 50/60 Hz, 35A	2.1		0.2	0.2	0.15
1 × 230 V, 50/60 Hz, 16A		0.3			

¹Add-on unit for flat piles, control system not included in machine configuration

²KBi 36 cross-fold unit after 1st buckle plate folding unit or 2nd folding station

³If you select the Tremat with air-wing blowers option, the sheet separator is still included in the product package

⁴Optional

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.

Technical data

Stahlfolder Ti 52

	Feeder			Folding units		
	Flat pile	NSF 36 ¹	Round continuous	1 st station 52	2 nd station 52/36	KBi 52 ²
Version	Manual					
Max. sheet size, width × length (cm) With sheet separator With Tremat ³	52 × 84 52 × 80	30 × 21	52 × 100			52 × 42
Min. sheet size, width × length (cm) With sheet separator With Tremat ³	10 × 15 14 × 20	8 × 12	10 × 15			16 × 4
Paper weight (g/m ²)	40 – 250	40 – 250	40 – 250			
Max. pile height (cm)	69	7.5	8			
Number of buckle plates				4 or 6	4 or 6	
Max. fold length (cm)				53	40	
Min. fold length (cm) Ti 52 Ti 36				4/3.2 ⁴ 2	4/3.2 ⁴ 2	
Max. speed (m/min.) Ti 52 Ti 36				200 160	200 160	200
Min. speed (m/min.)				10	10	
Diameter of folding rollers (mm) Ti 52 Ti 36				40 32	40 32	40
CCT control system	control panel with display	control panel	control panel with display		control panel ⁵	control panel
Power consumption (kVA) 3 × 400 V, 50/60 Hz, 25 A 3 × 230 V, 50/60 Hz, 35 A 1 × 230 V, 50/60 Hz, 16 A	incl. pump 3.05 3.05	0.3	incl. pump 3.35 3.35	0.25 0.25	0.25 0.25	0.15 0.15

¹Add-on unit for flat piles, control system not included in machine configuration

²KBi 52 cross-fold unit after 1st buckle plate folding unit or 2nd folding station

³If you select the Tremat with air-wing blowers option, the sheet separator is still included in the product package

⁴With small-size format stop

⁵Optional

Technical data subject to machine configuration, job, format, substrate and possibly other factors.
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1 cm equals 0.3937 inches.

Publishing information

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

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