



Technical information

Stahlfolder BH/CH

High performance at attractive prices

Stahlfolder BH/CH folding machines boast high reliability, stable productivity and constant folding quality. So if you wish to modernize your machinery to increase your spare capacity for responding to peaks in demand, or to gain an entry point into professional folding, they are the right choice. Their automation options reduce makeready times to a minimum. You can therefore shorten folding throughput times and increase your efficiency. In this way you can economically produce even small runs with frequent job changes.

Stahlfolder BH buckle plate machines and CH combination folding machines cover a broad range of folding jobs – from standardized signatures to special applications with a gate fold buckle plate or gluing device. Solidly tried and tested Heidelberg Stahlfolder technology ensures an output of 7,000 to 9,000 sheets per hour and high folding quality in the production of 16-page A4 signatures. Given the attractive price-performance ratio, you will very quickly get a return on your investment, even with one-shift operation.



You can find more about the technical data for the Stahlfolder BH/CH here: heidelberg.com/bh-ch/technical-data

Technical data

Stahlfolder BH 56

	Feeder		Folding units		
	Flat pile	Round continuous	1 st station 56	2 nd station 56	3 rd station 56
Version	Automated				
Max. sheet size, width × length (cm)	56 × 90	56 × 128			
Min. sheet size, width × length (cm)	14 × 18	14 × 18			
Paper weight (g/m ²)	40 – 250	40 – 250			
Max. pile height (cm)	80	8			
Number of buckle plates			4 or 6	4 or 6	4
Max. fold length (cm) position 1 Combination buckle plate			58	46	46
Min. fold length (cm) Combination buckle plate			6	6	6
Max. speed (m/min.)			200	180	180
Min. speed (m/min.)			25	25	25
Diameter of folding rollers (mm)			44	44	44
MCT control system	touchscreen	touchscreen		control panel	control panel
Power consumption (kVA) 3 × 400 V, 50/60 Hz, 35 A 3 × 230 V, 50/60 Hz, 50 A	incl. pump 5.7/6.3 5.7/6.3	incl. pump 6.6/7.4 6.6/7.4	in feeder in feeder	1.6 1.6	1.6 1.6

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 BH 66

	Feeder			Folding units		
	Flat pile	Round continuous	Pallet	1 st station 66	2 nd station 66 / 56	3 rd station 56
Version	Manual or automated					
Max. sheet size, width × length (cm)	66 × 104	66 × 128	66 × 104			
Min. sheet size, width × length (cm)	14 × 18	14 × 18	14 × 18			
Paper weight (g/m ²)	40 – 250	40 – 250	40 – 250			
Max. pile height (cm)	80	8	120			
Number of buckle plates				4 or 6	4 or 6	4
Max. fold length (cm) position 1						
Swing-deflector buckle plate				62	58	46
Combination buckle plate				58	46	46
Min. fold length (cm)						
Swing-deflector buckle plate				5.5	5.5	5.5
Combination buckle plate				6	6	6
Max. speed (m/min.)				200	180	180
Min. speed (m/min)				25	25	25
Diameter of folding rollers (mm)				44	44	44
MCT control system	control panel with display or touchscreen	control panel with display or touchscreen	control panel with display or touchscreen		control panel	control panel
Power consumption (kVA)	incl. pump	incl. pump	incl. pump			
3 × 400 V, 50/60 Hz, 50 A	5.7/6.3	6.6/7.4	7.0/7.8	in feeder	1.6	1.6
3 × 230 V, 50/60 Hz, 63 A	5.7/6.3	6.6/7.4	7.0/7.8	in feeder	1.6	1.6

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Technical data

Stahlfolder BH 82

	Feeder			Folding units			
	Flat pile	Round continuous	Pallet	1 st station 82	2 nd station 82 / 66	3 rd station 66 / 56	4 th station 56
Version	Manual or automated						
Max. sheet size, width × length (cm)	82 × 120	82 × 128	82 × 120				
Min. sheet size, width × length (cm)	14 × 18	14 × 18	14 × 18				
Paper weight (g/m ²)	40 – 250	40 – 250	40 – 250				
Max. pile height (cm)	80	8	120				
Number of buckle plates				4 or 6	4 or 6	4	2
Max. fold length (cm) position 1							
Swing-deflector buckle plate				62	58	46	33
Combination buckle plate				58	46	46	33
Min. fold length (cm)							
Swing-deflector buckle plate				5.5	5.5	5.5	5.5
Combination buckle plate				6	6	6	6
Max. speed (m/min.)				200	180	180	180
Min. speed (m/min.)				25	25	25	25
Diameter of folding rollers (mm)				44	44	44	44
MCT control system	control panel with display or touchscreen	control panel with display or touchscreen	control panel with display or touchscreen		control panel	control panel	control panel
Power consumption (kVA)	incl. pump	incl. pump	incl. pump				
3 × 400 V, 50/60 Hz, 50 A	6.7/7.5	6.6/7.4	7.0/7.8	in feeder	1.6	1.6	1.6
3 × 230 V, 50/60 Hz, 63 A	6.7/7.5	6.6/7.4	7.0/7.8	in feeder	1.6	1.6	1.6

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Technical data

Stahlfolder CH 56 KT auto

	Feeder		Folding units	
	Flat pile	Round continuous	Parallel fold	1 st cross-fold
Version	Automated			
Max. sheet size, width × length (cm)	56 × 90	56 × 128		56 × 45
Min. sheet size, width × length (cm)	14 × 18	14 × 18		14 × 10
Paper weight (g/m ²)	40 – 250	40 – 250		
Max. pile height (cm)	80	8		
Number of buckle plates			4 or 6	
Max. fold length (cm) position 1 Combination buckle plate			58	
Min. fold length (cm) Combination buckle plate			6	
Cross-fold configuration				KT
Max. speed (m/min.)			200	180
Min. speed (m/min.)			25	25
Diameter of folding rollers (mm)			44	44
MCT control system	touchscreen	touchscreen		control panel
Power consumption (kVA) 3 × 400 V, 50/60 Hz, 35 A 3 × 230 V, 50/60 Hz, 50 A	incl. pump 5.7/6.3 5.7/6.3	incl. pump 6.8/7.6 6.8/7.6	in feeder in feeder	in feeder in feeder

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Technical data

Stahlfolder CH 66

	Feeder			Folding units		
	Flat pile	Round continuous	Pallet	Parallel fold	1 st cross-fold	2 nd cross-fold
Version	Manual or automated			Manual		
Max. sheet size, width × length (cm)	66 × 104	66 × 128	66 × 104		66 × 52	52 × 33
Min. sheet size, width × length (cm)	14 × 18	14 × 18	14 × 18		14 × 10	14 × 10
Paper weight (g/m ²)	40 – 250	40 – 250	40 – 250			
Max. pile height (cm)	80	8	120			
Number of buckle plates				4 or 6		
Max. fold length (cm) position 1						
Swing-deflector buckle plate				62		
Combination buckle plate				58		
Min. fold length (cm)						
Swing-deflector buckle plate				5.5		
Combination buckle plate				6		
Cross-fold configurations						KL, KTL
Max. speed (m/min.)				200	180	180
Min. speed (m/min.)				25	25	25
Diameter of folding rollers (mm)				44	44	44
MCT control system	control panel with display or touchscreen	control panel with display or touchscreen	control panel with display or touchscreen		control panel	control panel
Power consumption (kVA)	incl. pump	incl. pump	incl. pump			
3 × 400 V, 50/60 Hz, 35 A	5.7/6.3	6.8/7.6	7.6/8.4	in feeder	in feeder	in feeder
3 × 230 V, 50/60 Hz, 50 A	5.7/6.3	6.8/7.6	7.6/8.4	in feeder	in feeder	in feeder

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Technical data

Stahlfolder CH 78

	Feeder			Folding units			
	Flat pile	Round continuous	Pallet	Parallel fold	1 st cross-fold	2 nd cross-fold	3 rd cross-fold
Version	Manual or automated			Manual			
Max. sheet size, width × length (cm)	78 × 120	78 × 128	78 × 120		78 × 58	58 × 39	39 × 30
Min. sheet size, width × length (cm)	14 × 18	14 × 18	14 × 18		14 × 10	14 × 10	14 × 10
Paper weight (g/m ²)	40 – 250	40 – 250	40 – 250				
Max. pile height (cm)	80	8	120				
Number of buckle plates				4 or 6			
Max. fold length (cm) position 1							
Swing-deflector buckle plate				62			
Combination buckle plate				58			
Min. fold length (cm)							
Swing-deflector buckle plate				5.5			
Combination buckle plate				6			
Cross-fold configurations						KL, KTL	KLL, KTLL
Max. speed (m/min.)				200	180	180	180
Min. speed (m/min.)				25	25	25	25
Diameter of folding rollers (mm)				44	44	44	44
MCT control system	control panel with display or touchscreen	control panel with display or touchscreen	control panel with display or touchscreen		control panel	control panel	control panel
Power consumption (kVA)	incl. pump	incl. pump	incl. pump				
3 × 400 V, 50/60 Hz, 50 A	7.4/8.2	7.4/8.2	7.6/8.4	in feeder	in feeder	in feeder	in feeder
3 × 230 V, 50/60 Hz, 63 A	7.4/8.2	7.4/8.2	7.6/8.4	in feeder	in feeder	in feeder	in feeder

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Publishing information

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

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