



Technical information

Deliveries

Optimum delivery for every configuration

Stahlfolder folding machines can be combined with all Heidelberg delivery systems. Our extensive portfolio is sure to have the optimum solution for your individual needs. You can always place your trust in the quality of our deliveries.

The SAF, SAK and SAL stream deliveries are suitable for a wide range of folding jobs. Their adjustable height and good mobility make them universally applicable. The STA small-format delivery is specially designed for the tiniest products, such as packaging inserts for the pharmaceutical industry, folded many times over. The SPH is a stream delivery with integrated pressing device for enhanced product quality. With the SBP horizontal stack delivery, you can rely on a delivery system that has a high capacity for folded or stitched signatures and is therefore particularly suitable for processing medium and large production runs. The palamides alpha hd stack delivery presses, collect and transports the jogged piles to the output table on the side without markings.

The HSB semi-automatic bundler is a welcome addition to all popular delivery systems. Further additional components are the PS pressing station, and the mobile, height adjustable VFZ and VF four-directional, independent knife folding units for buckle plate or combination folding machines.



You can find more about the technical data for the delivery systems here:
heidelberg.com/deliveries

Technical data

STA 40

	STA 40
Max. sheet size, width × length (cm) ¹	40 × 11
Min. sheet size, width × length (cm)	3 × 2
Max. speed of infeed table (m/min.)	120
Min. speed of infeed table (m/min.)	30
Length of pile table, standard (cm)	60
Length of pile table, extended (cm)	100
Standard/max. no. of ups	3/4
Infeed height (cm)	53.5 – 93.5
Product thickness (mm)	0 – 4
CCT control system ²	control panel
Power consumption (kVA)	
3 × 400 V, 50/60 Hz	0.2
3 × 230 V, 50/60 Hz	0.2

¹Infeed rollers of MKE marking device are 35 cm wide

²Counter function incl. marking function only in combination with upstream CCT/MCT with display

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

SAF/SAK/SAL

	SAF 56.H	SAF 66.H	SAL 66.H	SAK 94.H
Max. sheet size, width × length (cm)	56 × 45	66 × 45	66 × 45	94 × 45
Min. sheet size, width × length (cm)	10 × 10	10 × 10	10 × 10	10 × 10
Standard no. of ups	1	1	2	2
Max. no. of ups	1 ¹	1 ¹	3	4
Infeed height (cm)	36 – 94	36 – 94	43 – 103	43 – 103
Control system	CCT control panel ^{2 3}	CCT control panel ^{2 3}	MCT control panel	MCT control panel
Power consumption (kVA)				
3 × 400 V, 50/60 Hz	0.2	0.2	0.2	0.2
3 × 230 V, 50/60 Hz	0.2	0.2	0.2	0.2

¹Depending on product, 2 ups also possible

²CCT control panels cannot be operated outside a CCT/MCT machine configuration

³Version .H with MCT connector, otherwise with CCT connector

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Technical data

SPH 70/100

	SPH 70	SPH 100
Max. sheet size, width × length (cm)	70 × 100	100 × 100
Min. sheet size, width × length (cm)	4 × 7.5	4 × 7.5
Max. product thickness (mm)	4	6
Pressing force (N)	12,000	12,000
Standard no. of ups	2	2
Max. no. of ups	4	4
Infeed height (cm)	40 – 100	40 – 100
MCT control system ¹	control panel with display	control panel with display
Power consumption (kVA)		
3 × 400 V, 50/60 Hz	1.75	1.75
3 × 230 V, 50/60 Hz	1.75	1.75

¹Incl. counter and marking functions for batches

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Technical data

SBP 46/66/86

	SBP 46.H	SBP 66.H	SBP 86.H
Max. sheet size, width × length (cm)	46 × 30	66 × 30	86 × 30
Min. sheet size, width × length (cm)	12 × 10	12 × 10	12 × 10
Max. product thickness (mm)	4	4	4
Max. pile length (cm)	80	80	80
Pressing force (N)	8,000	8,000	8,000
No. of ups			
Standard	1	2	3
max.	2	3	4
Number of ups with optional thickness measurement, pile stop return			
Standard	2	3	3
max.	3	4	5
Infeed height (cm)	36 – 96	36 – 96	36 – 96
MCT control system ¹	control panel with display	control panel with display	control panel with display
Power consumption (kVA)			
3 × 400 V, 50/60 Hz	2.0	2.0	2.0
3 × 230 V, 50/60 Hz	2.0	2.0	2.0

¹Incl. counter and marking functions for batches

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Technical data

palamides alpha hd 50/70

	alpha hd 50	alpha hd 70
Max. sheet size, width × length (cm)		
1 up	51 × 33	76 × 33
2 ups	23.5 × 33	35 × 33
3 ups		23.5 × 33
Min. sheet size, width × length (cm)	8 × 9.5	8 × 9.5
Max. pile height (cm)	160	160
Min. pile height (cm)	3	3
Pressing force (N)	35,000	35,000
Standard no. of ups	2	3
Max. speed (m/min.)	205	205
Min. speed (m/min.)	15	15
Max. output (piles/h)	900	900
Buffer capacity (no. of A4 piles)		
Standard/comfort roller table	6	6
Extended buffer table	14	14
Infeed height (cm)	40 – 105	40 – 105
palamides control system ¹	control panel with display	control panel with display
Power consumption (kVA)		
3 × 400 V, 50/60 Hz	4.5	4.5
3 × 230 V, 50/60 Hz	4.5	4.5
Compressed air consumption at 6 bar (l/min)	250	250

¹Including interface for Heidelberg MCT control system

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Technical data

HSB 34

	HSB 34
Max. sheet size, width × length (cm)	34 × 23
Min. sheet size, width × length (cm)	14 × 8
Max. pile length (cm)	55
Min. pile length (cm)	17
Working height (cm)	65 – 71
Pressing force (N)	1,100
Strap width (mm) ¹	12
Strap thickness (mm) ¹	0.6
Compressed air (bar)	6
Control system	control panel
Electrical connection	220 V, 50/60 Hz

¹ Strap of polypropylene (PP)

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Technical data

VFZ 52/VF 66

	VFZ 52.H	VF 66.H¹
Max. sheet size, width × length (cm)	52 × 36	66 × 56
Min. sheet size, width × length (cm)	12 × 10	15 × 10
Max. speed (m/min.)	160	180
Min. speed (m/min.)	25	25
Max. cycle rate (cycles/h)	30,000	30,000
Infeed height (cm)	51.5 – 91.5	50 – 95
Knife position	top/bottom	top
Difference between infeed and exit height (cm)		
Top knife position	-15	-24
Bottom knife position	+15	
MCT control system	control panel or control panel with display	control panel or control panel with display
Power consumption (kVA)		
3 × 400 V, 50/60 Hz	0.8	0.8
3 × 230 V, 50/60 Hz	0.8	0.8

¹ Rear-mounted slitter shafts available as an option

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Technical data

PS 46/66/86

	PS 46.H	PS 66.H	PS 86.H
Max. sheet size, width (cm)	46	66	86
Min. sheet size, width × length (cm)	8 × 10	8 × 10	8 × 10
Max. speed of infeed table (m/min.)	180	180	180
Min. speed of infeed table (m/min.)	25	25	25
Press force (N)	8,000	8,000	8,000
Infeed height (cm)	40 – 95	40 – 95	40 – 95
MCT control system ¹	control panel with display	control panel with display	control panel with display
Power consumption (kVA)			
3 × 400 V, 50/60 Hz	1.5	1.5	1.5
3 × 230 V, 50/60 Hz	1.5	1.5	1.5

¹ Incl. counter and marking functions for batches

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Publishing information

Heidelberger Druckmaschinen AG
 Kurfuersten-Anlage 52 – 60
 69115 Heidelberg
 Germany
 Phone +49 6221 92-00
 Fax +49 6221 92-6999
 contact@heidelberg.com
 Further details at:
 heidelberg.com

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For details on the emissions of the delivery systems, please visit us at heidelberg.com/emissiondetails

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