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System VF2000S

High productivity booklet making system with smart feeder functions

In today's demanding printing environment, a flexible solution to booklet production is a must for all printers. Often there is a need to produce booklets from both digital presses and litho machines, or where covers have been coated or laminated. The required print volume and quality will determine the appropriate printing method and in many cases the finished booklet has been printed on different print engines and thus needs to be merged. Also, prints from a digital printers come pre-collated, whereas from an offset press they require sorting or collating. All this is a challenge for the finishing devices in order to keep a good workflow and maintain productivity.

The Morgana System VF2000S, with it's versatile configuration and options can manage these challenges efficiently, to give a highly productive solution.

System VF2000S key product features:

- Vacuum feeder unit

- Large LCD programmable display

- Up to 3800 sets per hour in collate mode

- Feed pre-collated sets from digital devices

- High quality ISP stitching head

- 30 x 80gsm sheets, booklets up to 120 pages

- Up to 3000 books per hour

- High quality front edge trimmer unit

System VF2000S Options

- CST2000 Creaser & side slitter unit

- SQF2000 Squarefolder unit for flat spine booklets

- Beltstacker 4000 unit for high volume production

- Hohner 43/6 stitching head

System VF2000S

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technical specifications

VF 1008 ME Feeder

No. of bins, bin capacity	8, 40 mm (1.6")
Sheet size	Max: 325 x 470 mm (12.75 x 18.5").
	Min: 120 x 210 mm (4.75 x 8.25")
Paper weight	Max: 240 gsm (65 lb Bond).
	Min: 50 gsm (14 lb Bond)
Speed	Up to 3800 sets/hour
Error detection	Double feed, misfeed, empty bin
	and paper jam
Weight & Dimensions incl. base, H x W x D	180 kgs (397 lb), 1850 x 660 x 770 mm
	(72.8 x 26 x 30.3")

BM 2000S Booklet Maker

Capacity	30 sheets of 80 gsm
Speed	Up to 3000 sets/hour
Sheet size,	max 320 x 470 mm
Sheet size,	min 120 x 210 mm
Paper weight,	max 300 gsm
Paper weight,	min 60 gsm
Stapling modes	Saddle, edge and corner stapling
Stitching heads	2
Job saving	Yes, 10 jobs
Dimensions incl. base and belt stacker, H x W x D	1135 x 1520 x 680 mm
Weight	161 kg

FTR 2000 Trimmer

Capacity	30 sheets of 80 gsm
Max booklet length, max trimming	220 mm
Min booklet length, max trimming	120 mm
Max booklet length, by pass	235 mm
Min booklet length, by pass	105 mm
Booklet width, max	320 mm
Booklet width, min	120 mm
Speed	Up to 2400 books/hour
Trim length	Up to 15 mm
Dimensions incl. base, H x W x D	1100 x 350 x 595 mm
Weight	83 kg

Options

CST 2000 Creaser Side Trimmer

Bleed trim	Max 30 mm, min 5 mm each side
Max assymetric bleed trimming	+/- 5 mm
Creaser tool,	fine < 120 gsm
Creaser tool,	coarse > 120 gsm
Speed	Maintains system feeding speed
Sheet size	Same as BM 2000/2000s
Paper weight, max	Same as BM 2000/2000s
Paper weight, min	64 gsm
Dimensions, H x W x D	1250 x 820 x 855 mm
Weight	210 kg

SQF 2000 Squarefolder

Capacity	30 sheets of 80 gsm
Booklet length, max	228 mm
Booklet length, min	105 mm
Booklet width, max	320 mm
Booklet width, min	120 mm
Speed	Up to 1800 sets/hour
Dimensions incl. base, H x W x D	1100 x 350 x 595 mm
Weight	60 kg

BST 4000-1 Beltstacker

Capacity, A3	> 500 booklets of 2 sheets 80 gsm
Capacity, A4	> 1000 booklets of 2 sheets 80 gsm
Run-out switch	Yes
Alignment	Inline, left or right
Belt speed	Adjustable
Overlap	Adjustable
Dimensions (H x W x D)	635-1060 x 1785 x 450 mm
Weight 70 kg	

Hohner 43/6 stitching heads

Optional loop stapling

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