System AF2000/AF2000S

High capacity dual bin feeder offers a flexible solution for a wide range of booklet types and sizes

In today's demanding printing environment, a flexible solution to booklet production is a must for all digital printers. Often there is a need to merge jobs from more than one digital print device or to add colour, laminated or coated covers to finish a booklet. There may also be a requirement to finish booklets from several digital devices, where an inline solution on each machine may not be a cost effective solution.

The System AF2000S with its high capacity dual bin feeder offers a flexible solution for a wide range of booklet types and sizes. The system is fed by the AF602 air assisted feeder which has a loading capacity of up to 540mm, giving long uninterrupted production runs. Pre-collated sets can be placed into both bins for longer runs, or covers can be placed into one of the bins when they need to be merged with collated sets.

The booklet making section can be supplied with heavy duty stitching heads for up to 50,000 stitches from one wire spool, or with stapling heads which can be loaded with 5000 staple cassettes. A fore-edge trimmer comes as standard to give clean finish to the booklets.

An optional Morgana Squarefold can be added to the system to produce squared spine flat books which give the effect of a perfect bound finish.

For full bleed production, the Morgana CST crease and side trim unit can be added. Trim edges can be removed from the sheets meaning there is no need to trim the booklets prior to production in an offline guillotine.

The Morgana System AF2000/AF2000S, with it's versatile configurations and options will give a highly flexible solution to your digital booklet production needs.

System AF2000S shown with optional CST2000 and Squrefold unit

System AF2000/AF2000S Options

- CST2000 Creaser & side slitter unit
- SQF2000 Squarefolder unit for flat spine booklets
- Beltstacker 4000 unit for high volume production

Key product features:

- Air assist dual bin feeder unit
- up to 540mm loading capactiy
- Feed pre-collated sets from digital devices
- High quality stapling head or stitching head versions available
- 30 x 80gsm sheets, booklets up to 120 pages
- Up to 1800 sets per hour
- High quality front edge trimmer unit

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technical specifications

AF602 Feeder

No. of bins	2
Bin capacity	2 x 270 mm
Sheet size, max	350 x 660 mm
Sheet size, min	120 x 210 mm
Paper weight, max	300 gsm
Paper weight, min	60 gsm
Feeding Speed	Up to 15000 A4 sheets per hour
Centre registration	Yes
Air separation	Yes
Error detection	Double feed, misfeed, empty bin, paper jam
Dimensions incl. base, H x W x D	1260 x 1017 x 700 mm
Weight	250 kg
Connectable devices	BM2000/BM2000S, CST2000

BM 2000/2000S Booklet Maker

Capacity	30 sheets of 80 gsm
Speed	Up to 1800 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
Stapling heads (BM2000)	2
Stitching heads (BM2000S)	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 (20lb. bond)
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 1800 sets/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 up to 1800 sets/hour, depending on media and set size
Sheet size	Same as BM2000/2000s
Paper weight, max	Same as BM2000/2000s
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)	1060 x 1785 x 450 mm
Weight	70 kg

Hohner 43/6 stitching heads

Optional loop stapling

pdc
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