

Morgana Systems Ltd
3909 Upland Way, Marietta
GA 30066 Georgia
USA
Tel: 866 463 5060
Fax: 770 565 6163
www.morganausa.com
email: morganausa@comcast.net



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 21.25", 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 its versatile configurations and options will give a highly flexible solution to your digital booklet production needs.



System AF2000S shown with optional CST2000 and Squarefold 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 21.25" loading capacity
- Feed pre-collated sets from digital devices
- High quality stapling head or stitching head versions available
- 30 x 20 lb bond 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 11.8" |
| Sheet size, max | 13.75 x 26" |
| Sheet size, min | 4.75 x 8.25" |
| Paper weight, max | 115 lb cover |
| Paper weight, min | 16 lb bond |
| Feeding Speed | Up to 15000 8.5 x 11" 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 | 49.6 x 40 x 27.6" |
| Weight | 551 lbs |
| Connectable devices | BM2000/BM2000S, CST2000 |

BM 2000S Booklet Maker

| | |
|---|----------------------------------|
| Capacity | 30 sheets of 20 lb bond |
| Speed | Up to 1800 sets/hour |
| Sheet size, max | 12.6 x 18" |
| Sheet size, min | 4.75 x 8.25" |
| Paper weight, max | 115 lb cover |
| Paper weight, min | 16 lb cover |
| 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 | 44.6 x 59.8 x 26.8" |
| Weight | 355 lbs |

FTR 2000 Trimmer

| | |
|----------------------------------|-------------------------|
| Capacity | 30 sheets of 20 lb bond |
| Max booklet length, max trimming | 8.6" |
| Min booklet length, max trimming | 4.8" |
| Max booklet length, by pass | 9.2" |
| Min booklet length, by pass | 4.1" |
| Booklet width, max | 2.6" |
| Booklet width, min | 4.7" |
| Speed | Up to 1800 sets/hour |
| Trim length | Up to 0.6" |
| Dimensions incl. base, H x W x D | 43.3 x 13.8 x 23.4" |
| Weight | 183 lbs |

Options

CST 2000 Creaser Side Trimmer

| | |
|-------------------------------|--|
| Bleed trim | Max 1.18" min 0.197" each side |
| Max asymmetric bleed trimming | +/- 0.197" |
| Creaser tool, | fine < 32 lb bond |
| Creaser tool, | coarse > 32 lb bond |
| 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 | 18 lb bond |
| Dimensions, H x W x D | 49.2 x 32.3 x 33.7" |
| Weight | 463 lbs |

SQF 2000 Squarefolder

| | |
|----------------------------------|-------------------------|
| Capacity | 30 sheets of 20 lb bond |
| Booklet length, max | 8.97" |
| Booklet length, min | 4.1" |
| Booklet width, max | 12.6" |
| Booklet width, min | 4.7" |
| Speed | Up to 1800 sets/hour |
| Dimensions incl. base, H x W x D | 43.3 x 13.8 x 23.4" |
| Weight | 132 lbs |

BST 4000-1 Beltstacker

| | |
|------------------------|--|
| Capacity, A3 | > 500 booklets of 2 sheets 20 lb bond |
| Capacity, A4 | > 1000 booklets of 2 sheets 20 lb bond |
| Run-out switch | Yes |
| Alignment | Inline, left or right |
| Belt speed | Adjustable |
| Overlap | Adjustable |
| Dimensions (H x W x D) | 41.7 x 70.28 x 17.72" |
| Weight | 154.5 lb |

Hohner 43/6 stitching heads

Optional loop stapling

*Disclaimer

As part of our continued product improvement plan, specifications and information published here are subject to change without notice.

All specifications are dependent on application, type of stock, temperature, RH and print engine used.

Specifications quoted were measured on uncoated and unprinted stock.

E & OE.

USA Morgana System AF2000 AF2000S V2

