

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 2000S

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 2000S, with its versatile configuration and options can manage these challenges efficiently, to give a highly productive solution.



## System 2000S key product features:

- Air assist feeder unit
- Large LCD programmable display
- Up to 4000 sets per hour in collate mode
- Feed pre-collated sets from digital devices
- High quality ISP stitching head
- 30 x 20 lb bond sheets, booklets up to 120 pages
- Up to 1800 sets per hour
- High quality front edge trimmer unit

## System 2000S Options

- CST2000 Creaser & side slit unit
- SQF2000 Squarefolder unit for flat spine booklets
- Beltstacker 4000 unit for high volume production
- Hohner 43/6 stitching head



# System 2000S

High productivity booklet making system with smart feeder functions



## technical specifications

### ACF & CF 510 Feeder/collator

No. of bins	10
Bin capacity	1.102"
Sheet size, max	12.6 x 18"
Sheet size, min	4.75 x 8.25"
Paper weight, max	67 lb bond
Paper weight, min	14 lb bond
Collating speed	Up to 1800 sets/hour
Feeding speed	Up to 10000 sheets/hour
Centre registration	Yes
Air separation	Yes, on AC and ACF models
Error detection	Double feed, misfeed, empty bin, paper jam and stacker full
Receiving tray	Offset / straight stacking
Dimensions incl. base, H x W x D	75.8 x 23.6 x 27.6"
Weight	238 lbs

### 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
Stitching heads	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 BM 2000/2000s
Paper weight, max	Same as BM 2000/2000s
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	Intline, 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 2000S V4

