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System 2000

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



System 2000 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
- Convenient loading stapling head
- 30 x 20 lb bond sheets, booklets up to 120 pages
- Up to 3000 books per hour
- High quality front edge trimmer unit

System 2000 Options

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



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technical specifications

ACF & CF 510 Feeder/collator	
No. of bins	10
Bin capacity	1/8"
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 4000 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 2000 Booklet Maker	
Capacity	30 sheets of 20 lb bond
Speed	Up to 3000 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 bond
Stapling modes	Saddle, edge and corner stapling
Stapler heads	2
Staples	2 x 5000
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	12.6"
Booklet width, min	4.8"
Speed	Up to 2400 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
	(The fine and course have to be different)
Speed	Maintains system feeding speed
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	Intine, left or right
Belt speed	Adjustable
Overlap	Adjustable
Dimensions (H x W x D)	41.7 x 70.28 x 17.72"
Weight	154 lbs

***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.

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USA Morgana System 2000 V2

