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System 200e

Booklet making system suitable for light production and digital print environments

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 200e is supplied with a patented 2 step fold roller system to give a sharp fold without marking and eliminates the risk of tearing. The user friendly operator interface also activates and adjusts downstream modules like the FTR 200e and SQF200e.



System 200e including optional SQF200e Squarefolder

System 200e 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
- Conveniently loading stapling head
- 30 x 80gsm sheets, booklets up to 120 pages
- Up to 3000 books per hour
- High quality front edge trimmer unit

System 200e Options

- SQF2000 Squarefolder unit for flat spine booklets



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technical specifications

ACF & CF 510 Feeder/collator

| | |
|----------------------------------|---|
| No. of bins | 10 |
| Bin capacity | 28 mm (1.1") |
| Sheet size, max | 320 x 457 mm (12.6 x 18") |
| Sheet size, min | 120 x 210 mm (4.75 x 8.25") |
| Paper weight, max | 250 gsm (67 lb Bond) |
| Paper weight, min | 50 gsm (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 | 1765 x 550 x 550 mm (69.5 x 21.6 x 21.6") |
| Weight | 108 kg (238 lb) |

BM 200e Booklet Maker

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|---|--|
| Capacity | 30 sheets of 80 gsm (20 lb Bond) |
| Speed | Up to 3000 books/hour |
| Sheet size, max | 320 x 457 mm (12.6 x 18") |
| Sheet size, min | 206 x 275 mm (8.1 x 10.8") |
| Paper weight, max | 300 gsm (115 lb Cover) |
| Paper weight, min | 64 gsm (18 lb Bond) |
| Automatic paper size set up in all machines from one control panel. | Yes |
| Stapling modes | Saddle stapling |
| Stapler heads | 2 |
| Staples | 2 x 5000 Cartridge |
| Job saving | Yes, 10 jobs |
| Dimensions incl. base and belt stacker, H x W x D | 1000 x 1420 x 670 mm (39.4 x 55.9 x 26.4") |
| Weight | 130 kg (287 lb) |

FTR 200e Trimmer

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| Capacity | 30 sheets of 80 gsm (20 lb Bond) |
| Max booklet length, max trimming | 220 mm (8,6") |
| Min booklet length, max trimming | 123 mm (4,8") |
| Max booklet length, by pass | 235 mm (9,2") |
| Min booklet length, by pass | 105 mm (4,1") |
| Booklet width, max | max 320 mm (12,6") |
| Booklet width, min | min 120 mm (4,7") |
| Speed | Up to 1800 sets/hour |
| Trim length | Up to 15 mm (0,6") |
| Dimensions incl. base, H x W x D | 910 x 350 x 620 mm (35.8 x 13.8 x 24.4") |
| Weight | 65 kg (144 lb) |

Options

SQF 200e Squarefolder

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| Capacity | 30 sheets of 80 gsm (20 lb Bond) |
| Paper size | Same as Trimmer FTR 200 |
| Speed | Up to 1800 sets/hour |
| Squarefolding modes | 4 + Auto and by-pass |
| Dimensions incl. base, H x W x D | 910 x 350 x 620 mm (35.8 x 13.8 x 24.4") |
| Weight | 52 kg (115 lb) |

*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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