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510 Feeder/Collator

High capacity user friendly range of feeders & collators for digital and litho printed applications.

Key product features:

- Maximum sheet size: 320 x 457mm
- Minimum Sheet size: 120 x 210mm
- Up to 4000 sets per hour in collating mode
- Unique air separation on AC/ACF units
- Easy to program – memory function for repeat jobs
- Compatible with the BM61/200e/2000S booklet making systems

The 510 series of feeders/collators are based on a standard 10 station, high capacity bin tower structure with centre registration.

Four different models are available in the range, the C 510 Collator, the CF 510 Feeder/Collator, the AC 510 Collator with air separation and the ACF 510 Feeder/Collator with air separation.

The units equipped with feeder mode are ideally suited to customers who have a range of digital and litho printed work, some of which may need collated and some which may come pre-collated from a digital engine. There may also be a need to feed digitally printed work from black and white devices, combining coloured pages or covers. The 510 series can feed up to 4000 sets in collator mode, or up to 7000 sheets per hour in feeder mode, offering maximum flexibility for a wide range of work.

The machine is controlled from a large LCD display with easy to understand menus. Depending on which of the 510 models you have, start by choosing feeder or collator mode, select type of finishing, set air flow if applicable, hit the proof button and you are ready to go. Save frequent jobs in the memory and check statistics about jobs previously run.

Unlike all other friction feed systems on the market, Morgana's new 510 AC/ACF models offer a unique air separation system. Each bin has



ACF 510 display and fan



ACF 510 with air separation



ACF 510 shown in line with Morgana 2000 booklet making system and beltstacker.

fans blowing air into the stack from two sides that radically improves the feeding of statically charged or normally hard to feed stock. The air separation in the 510 Series sets new standard in feeding, ideal for digitally printed media.

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Technical specifications

No. of bins	10
Bin capacity	28mm
Sheet size, max	320 x 457mm
Sheet size, min	120 x 210 mm
Paper weight, max	250 gsm
Paper weight, min	50 gsm
Collating speed	Up to 4000 sets/hour
Feed speed (CF510/ACF510)	Up to 10,000 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 1925 x 600 x 700 mm
Weight	108 kg

*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.

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AC510 & ACF510 feeder, collator