

Press Release

August 2022

Morgana announces new BM4000 Series bookletmakers

Morgana Systems, a Plockmatic International company, has announced the release of the **Morgana BM4000 Series** of bookletmakers. Heralded as a new kind of bookletmaker, these products can produce both **A4 landscape and 297 x 297mm / 11" x 11" booklets**, and offers either corner or edge stapling as standard, plus the option of the unique SquareBack finish.

The Morgana BM4000 Series can staple and fold booklets of up to 140 pages (BM4035) or 200 pages (BM4050). From A6 size booklets up to A4 landscape, and the 297 x 297mm / 11" x 11" format, the BM4000 is a versatile booklet maker designed to work with low to mid volume digital production printers. It delivers booklets of exceptional quality, and the ability to feed long printed sheets means that it can produce a wide variety of work, including the A4 landscape format – a product that is becoming increasingly popular. Users can additionally produce corner stapled and edge stapled documents which is still a hugely popular requirement, along with regular spine stapling.

Booklets of up to 200 pages can be either hand fed in the most basic configuration or fed by the Morgana VFX high-capacity dual bin feeder. Another option is the Crease and Side Trim module (CST) which allows full bleed production with no need to side trim sheets on the guillotine prior to production. The system supports printed sheets of up to 660mm / 26" long sheets (without the CST creasing and side slitting module) or 620mm / 24.4" (with CST). Bar code reading can also be added to the feeder to ensure set integrity or for variable data or variable sheet count booklets.

A completely new design, the combined square folding and face trimming unit has been produced in a single compact module. High performance quality square folding functionality ensures a high-quality booklet on a wide range of media and booklet thickness.

The high-capacity belt stacker is a practical option for more production-oriented sites. It can be configured straight or in a 90-degree angle, and attaches after the standard output tray. This allows for long unattended runs and stacks up to 1,000 A4 booklets of four pages.

Heavy Duty Stapling

The heavy-duty staple mechanism designed for durability, and is maintenance free thanks to a patented solution that eliminates periodic service intervals. With its adjustable staple and fold position the BM4000 series has a patented “set positioning mechanism”. This allows the operator to adjust the staple position in the direction of travel via the intuitive user interface.

Vacuum Feeder

The Morgana VFX is a two-tray high-capacity Vacuum Feeder, capable of efficiently feeding a wide range of paper types, and weights, with sheets up to 660mm / 26”. The unit is equipped with highly automated vacuum feeding technology specifically designed to handle the widest range of pre-printed media. The Automatic Tray Switching feature enables long unattended runs, and enables the loading of empty trays during a run to achieve maximum productivity.

The BM4000 bookletmaker range will be available from 1st September 2022

About Plockmatic Group

Plockmatic Group develops, manufactures and markets an extensive range of document finishing systems sold under the Plockmatic and Morgana brand names, as well as the recently announced Intec Printing Solutions. These products work inline or offline together with the world’s best digital printing systems.

Plockmatic and Morgana make products to mail, fold, crease, perforate and bind documents with extraordinary precision, turning stacks of printed paper into the beautifully finished documents for your customers every day.

About Morgana Systems Limited

Morgana Systems is a wholly owned subsidiary of Plockmatic International, a part of the Plockmatic Group. The company supplies a wide range of innovative and market leading offline post-press

equipment for customers involved in the many and varied activities of the printing industry throughout the world. Equipment is manufactured at a number of Plockmatic owned plants across the globe.

The sales, marketing, and service operations of Morgana Systems are headquartered in Milton Keynes, Buckinghamshire, UK. This site is also the manufacturing base for the PowerSquare range of booklet makers engineered by Watkiss, another Group Company.

Beginning with the launch of the revolutionary AutoCreaser in 2000, Morgana Systems has led the way in developing new and innovative solutions to cope with the special requirements of the digital printer. Since its acquisition by Plockmatic in 2013 the product portfolio has been extended with a wide range of bookletmaking systems to meet every production requirement.

Current product ranges include the Morgana DigiBook range of PUR perfect binders, and the recently introduced collection of bookletmakers, which have been developed jointly with Plockmatic. These include the BM3035/3050 and BM5000 models, and the Watkiss developed PowerSquare™ 160 and 224 models, all delivering market-leading, cutting edge binding solutions.

Morgana Systems is a preferred offline finishing partner for all of the leading manufacturers of digital print engines, whilst the Plockmatic International produce a wide range of innovative inline finishing solutions for all leading engine providers.

Full details of Morgana's product line-up can be found at: <http://morgana.co.uk/>

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Press Information

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