

Watkiss Print Finishing Systems

Collating | Booklet Making | Digital Finishing



CREATIVITY | ACCURACY | EFFICIENCY

Flexible solutions for offset and digital print finishing

Watkiss PowerSquare™224

The Watkiss PowerSquare 224 is a unique and innovative complete book making system for digital and offset print applications.



Nearline PowerSquare with Sheet Feeder

In a single machine it combines the four processes of stitching, folding, spine forming and trimming to produce SquareBack™ books up to 224 pages thick. It features fully automatic settings for different book size and pagination, including variable stitch leg length for varying book thickness.

The maximum book thickness, of 10.4mm (224 pages 70gsm), is double that of alternative conventional booklet making machines, so it is ideally suited to higher paginations or to thicker stocks.

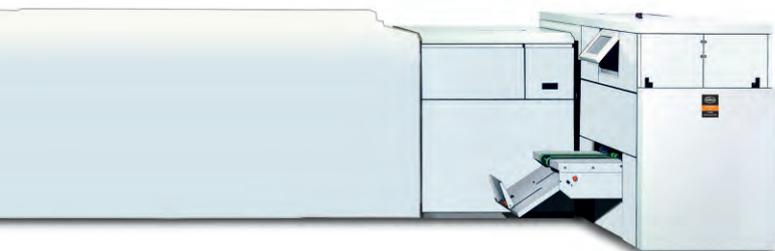
The PowerSquare is available in online, nearline or offline configurations. Online versions include automatic sheet rotation to suit the book making

process whilst maximising printing speed. For offline applications, a high speed sheet feeder can be connected, or the PowerSquare is available as a hand-fed model providing a flexible book making solution which is instantly ready.



Offline, Hand Fed PowerSquare

Online PowerSquare, compatible with a wide range of printers



Watkiss SpineMaster

The Watkiss SpineMaster is bound to change the way you think about finishing booklets. It gives you both the superior appearance of a perfect bound booklet and the security of a stitched spine.

The SpineMaster post-processes traditional stitch-fold booklets and transforms them into SquareBack booklets. These are flat and easy to pack, stack and handle. There is no risk of loose pages - you can even print on the spine. It gives added value and it is faster, more convenient and cheaper than perfect binding.



Print on the spine

With SquareBack booklets you can print text on the spine, just like a perfect bound book.



Before and After

Traditional stitch-fold booklets are transformed into SquareBack books.



SquareBack book technology, which was developed and patented by Watkiss, is now the preferred choice of printers and print buyers all over the world. It is available on virtually all booklet makers on the market – either manufactured by or under licence to Watkiss.

Document Finishing System

The Document Finishing System (DFS) is a multi-function booklet maker for digital print applications. It takes pre-collated sheets from the printer and processes them into high quality booklets. Based on the Watkiss Vario, the Document Finishing System offers the ultimate in flexibility, with two operating modes for either batch or sequentially printed sheets.

In sheet feeding mode, sequentially printed sheets are taken from the printer and loaded into the DFS. Additional sheets, such as offset printed covers, can be added. Sheets are then fed in sequence and the set is made into a booklet.

In its second operating mode, the DFS works as a normal collator and booklet maker. With the option of up to 8 feeders, the batch-printed sheets are loaded into the feed bins and made into booklets as usual.

Where verifiable security is needed, the optional barcode reader provides multi-level security verification and controls the insertion of additional sheets for covers and customised sets.

Options:

- 2 – 8 feed bins
- Air-assisted friction feed or SlimVAC rotary suction feed
- Barcode reader



Watkiss Vario Collating and Finishing System

The Watkiss Vario is the world's only truly modular vertical collating system, designed to give speed, reliability and ease-of-use with almost limitless configurations.

The unique modular design can be configured as a floor standing machine, with one or two towers, and with a range of stacking and booklet making options. Alternatively, it can be configured as a benchtop machine. Users can choose between air-assisted friction feed and the patented SlimVAC rotary suction feeder, or a combination of the two.

Open architecture provides a continuous upgrade path if needs change.

The Vario is compact and very operator-friendly. It can be loaded, unloaded and operated from one position, which saves time and reduces operator fatigue.

Options:

- Up to 16 feed bins per tower
- Air-assisted friction feed or SlimVAC Rotary suction feed
- Single or two tower
- Criss-Cross or Straight Jogger
- BookMaster Pro30 booklet maker
- Single and Two-Knife trimmers



Watkiss Automation is a company which puts customer relationships first.

Whether you're a small print shop or a multinational corporation, you can expect the same level of attention and complete commitment - our aim is 100% customer satisfaction. We seek to make a difference to your business, whether it's increased productivity, opening up new product lines, streamlining workflow, process automation or just providing new ways to help you do what you do best. We have a long track record helping print businesses to succeed; we understand the challenges you face, and our goal is your profitability.

We have a unique character as a family owned and managed company, and we are proud of our reputation as one of the most innovative and forward thinking producers of print finishing equipment in the world. This has been recognised through the numerous design awards and industry accolades we have received over the years – including two British Design Awards and two Queen's Awards for International Trade. We take pride in every machine we make, taking as much care over the small details as we do over the big ideas.

Watkiss Automation has a total approach to product development, with in-house design and production of all elements, whether mechanical or electronic, hardware or software. We handle every process, from sheet metal production to electronic control systems, at our purpose-built manufacturing and assembly facilities. We employ the latest manufacturing methods at every stage to ensure delivery of the highest quality for our customers.



Products such as the Watkiss Vario, DigiVAC, BookMaster, SpineMaster and PowerSquare are recognised throughout the world. Since our foundation in 1974 we have achieved over 15,000 installations in over 80 countries, and wherever you may be, you can be assured of the same high quality service and support.

By choosing Watkiss as your print finishing partner, you'll get world-beating technology and an ongoing relationship which really makes a difference. We never forget that your future is our future.

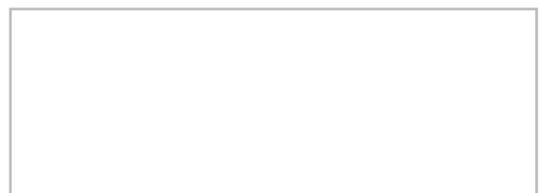


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