

WATKISS SPINEMASTER



CREATIVITY · ACCURACY · EFFICIENCY

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 benefits are clear. The SpineMaster takes 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.

The Problem

There is no doubt that traditional stitch folding achieves a satisfactory result. However the more sheets you use, the more the book will “gape” at the spine. Some manufacturers have tried to overcome this, crushing the book by passing it through additional rollers, but this is rarely successful. It has little effect on the middle sheets and the paper fibres have a memory, causing the book to open again in a short time.

The Solution

Extensive testing proves that the only way to achieve a long lasting, high quality result is to re-form the spine into a square shape. The “gape” is removed and the appearance of the finished booklets is both permanent and exceptional. The result is the Watkiss SpineMaster and SquareBack booklets.

Offline SpineMaster

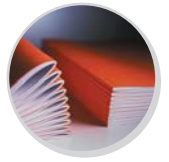
The offline Watkiss SpineMaster is a robust, easy-to-use, stand-alone unit. Varying booklet thickness is accommodated with a single adjustment. Finished booklets can either be removed manually, or pass through the machine into a stacker.

The SpineMaster needs only single phase power and can easily be wheeled to wherever it is needed.

Automatic Online SpineMaster

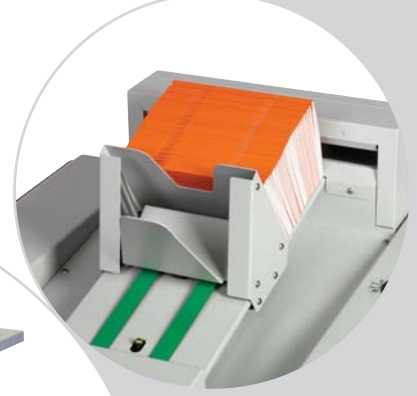
The Automatic Online SpineMaster has all the advantages of the stand alone SpineMaster, with the added convenience of automatic processing, requiring no operator intervention. It is compatible with all Watkiss bookletmakers, fitting after the trimmer units. Interfaces for other machines are also available. The unique SquareBack process ensures that no additional trimming is required.

After processing, the SquareBack booklets are delivered into a stacking hopper on the top of the unit, where they are easily removed by the operator. If required, booklets can bypass the SquareBack process and are delivered directly to the hopper. Similarly, individual booklets can be hand fed into the unit if required.



BEFORE AND AFTER

Traditional stitch-fold booklets are transformed into SquareBack booklets.



SQUAREBACK BOOKLETS

Flat booklets are easy to handle, stack and pack.

PRINT ON THE SPINE

SquareBack booklets can carry print on the spine, just like a perfect bound book.

ONLINE OR OFFLINE

Hand feed or operate online, the choice is yours.



Offline SpineMaster

COMPATIBLE

The online SpineMaster fits on all Watkiss booklet-makers; interfaces for other makes are also available.



Online SpineMaster





	SPINEMASTER	AUTOMATIC SPINEMASTER
PRODUCTION	Up to 1320 per hour (single pass) Up to 1000 per hour (double pass*)	Up to 1400 per hour (single pass) Up to 1060 per hour (double pass*)
* double pass mode may be used for thick books, with stiff covers; the book is automatically processed twice for optimum results.		
BOOKLET SIZE	Pass Through Mode: WIDTH: Up to 350mm; 13¾" HEIGHT: 105mm to 216mm; 4¼ to 8½" Manual Unload Mode: WIDTH: Up to 350mm; 13¾" HEIGHT: Minimum of 140mm; 5½"	From 80 x 120mm to 250 x 350mm 3¼ x 4¾" to 9¼ x 13¾" (dependant on specification of connected equipment)
BOOK THICKNESS Min. Max.	1mm; 0.04" 6.5mm; ¼" (equivalent to approximately 30 Sheets of 80gsm; 20# bond made into 120 page booklet or equivalent)	
KEY BENEFITS	<ul style="list-style-type: none"> • Add value by giving stitch-fold booklets the superior quality and appearance of a SquareBack finish. • SpineMaster SquareBack™ booklets are the preferred choice of print buyers due to their professional appearance. • Booklets can be opened flat without damaging the spine. • Flat booklets are easy to handle, stack and pack, move and store. • Overall bulk is reduced by at least one third. • The SquareBack™ spine can be printed on, just like a perfect bound book 	



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Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions. In line with a policy of continual improvement, we reserve the right to alter the materials or specifications of these products at any time without notice.

Specifications are defined in metric units. Imperial units have been converted to the nearest ¼".

Protected by patent.
 BookMaster, Watkiss DigiVAC, Watkiss Vario, SpineMaster and SquareBack are trademarks of Watkiss Automation Limited.

AWARD WINNING PRACTICALITY

At Watkiss Automation Ltd we believe in delivering real solutions to your print finishing needs; and in providing after sales support that's second to none. Our experience of owning and managing successful printing companies ensures we have an empathy with your business; we fully understand the technical and commercial challenges you face. We have over 30 year's experience in supplying print finishing equipment to all sorts of print operations - commercial, inplant and digital. We never forget that the best measure of our success is the satisfaction of our customers.