

WATKISS VARIO COLLATORS



CREATIVITY · ACCURACY · EFFICIENCY

Watkiss Vario Collating and Finishing System

Everything about the Watkiss Vario™ has been designed to help you, your business, your operators and your profitability. It combines speed, reliability and ease of use to deliver productive and cost effective collating every time; every feature contributing to overall efficiency.

It is the only truly modular vertical collating system in the world. Buy exactly the machine configuration you need now, confident that you can upgrade or add to the machine at any time in the future. Choose between air-assisted friction feed, high capacity suction feed and the patented SlimVAC™ rotary suction feeder. Or choose a combination of feeder types, up to 16 per tower, to suit your application. Trouble-free paper feed is at the heart of the Vario. Whichever feed type you choose, precise and reliable feeding ensures high productivity.

The Vario is unmatched in its operator friendly and efficient use of space. You can load, unload and operate the entire system from one position, even when bookletmaking. This saves space, saves time and reduces operator fatigue. The Vario also gives you far better height efficiency than other collators, meaning more bins are within easy reach.

Colour touch screen interface

The Vario's colour touch-screen interface controls all connected equipment, including stacking, stitching, folding and trimming, as well as the collator itself. Job settings and memories are applied across the entire system for greater ease of use and fast set-up. Productivity is enhanced by preset sizes, flexible bin linking, multi-set programming and batch insertion. Add to that the on-screen help and multiple language options, and you can see why the Watkiss interface is the envy of the industry.

Bench-top collators

For smaller applications, the Vario can be configured as a bench-top collator; still with the professional specification and performance of the rest of the Vario range. A variety of models, including the entry level Eco-Vario, give smaller users big-machine performance.

Booklet-making

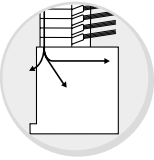
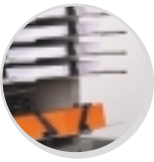
Choose from two distinct ranges of booklet-making equipment according to your overall workload, run length and required production rate.

The Automatic Stitch-Fold and Trim uses wire reel-fed stitch heads. Adjustment for sheet size is automatic, controlled via the touch-screen on the collator. Alternatively, BookMaster™ booklet-makers utilise a unique low-impact stapling mechanism. Manual and automatic versions are available.

For users needing a very cost effective collating and booklet making system, the oscillating bench-base collator combined with a BookMaster booklet-maker is the ideal solution. It provides an integral high speed offset stacker and a booklet-maker positioned underneath the collator.

Special applications

Special applications, including selective feeding for mailing machines, customised sets and integration within other systems are available. Advanced programming features allow you to programme special feed sequences on-screen without the need for an external computer. Alternatively, external communication with other machines or systems via RS232, Ethernet or CAN is supported if required.



MODULAR

The unique modular design means you choose and specify exactly the machine you need; and you can upgrade on demand.

ERGONOMIC

Load, unload and operate the entire system from one position, saving space, time and operator fatigue.

INTEGRATED CONTROL

Control the entire finishing system, collator, stacker and booklet-maker from the central colour touch-screen.

SET SECURITY

The unique Watkiss SMART detection system is in every bin, continually averaging and fully compensating for ambient light conditions.

MULTIPLE OUTPUTS

Multiple delivery directions enable stacking, booklet-making and faulty set diversion*.

HAND MERGE SETS

Produce thicker booklets in two stages using the dynamic hand merge station.

CENTRE REFERENCED

Vario feeders are centre referenced, so the feed is always balanced and central on the sheet, regardless of the paper size.

ADDED VALUE

Add value to finished booklets by applying a SquareBack finish with the Watkiss SpineMaster™ - either on or offline.



THE CHOICES

Each Watkiss Vario is built up from a range of inter-changeable modules. Simply select the modules to match your needs.

FEEDERS

Friction, Suction, SlimVAC
Rotary suction

BASES

Floor-standing, Bench-base,
Oscillating Bench-base

STACKING

Straight Jogger, X-Jogger,
Deep Pile Stacker

ONLINE FINISHING

Automatic Stitch-Fold & Trim,
BookMaster booklet-makers,
Corner Stapler


OPTIONS

Rear outfeed, Hand Merge

DIGITAL PRINT FINISHING

For specialist digital print finishing solutions, please ask for the separate brochure.



	FRICITION FEED	SLIMVAC SUCTION FEED	HIGH PILE SUCTION FEED
FEED SYSTEM	Friction feed with air separation	Variable profile rotary suction feeder with air separation	Moving manifold suction bar with air blow and edge separation
PRODUCTION (SPH)	up to 7,200	up to 5,000	up to 4,000
BIN CAPACITY	40mm	45mm	100mm (up to 340mm wide) 88mm (over 340mm wide)
CONFIGURATION Max. number of feeders			
Floor-standing Base	16, 32 with two towers	16, 32 with two towers	8, 16 with two towers
Bench Base	10	10	5
Oscillating Bench Base	12	12	6
STOCK SIZE Min.	120 x 160mm	120 x 160mm	130 x 160mm
Max.	364 x 520mm	364 x 520mm	364 x 520mm
STOCK RANGE	40 to 300gsm	40 to 240gsm	40 to 300gsm
DETECTION	Electronic detection for miss, double, jam and empty bin. Totally automatic and self calibrating, no adjustment required.		
STACKING	Straight Jogger, Criss-Cross X-Jogger, Deep Pile Stacker Bench-top machines include an integral stacker.		
BOOKLET MAKING	Watkiss BookMaster range (staple-fold & trim) Watkiss Automatic Stitch-Fold and Trim		
OPTIONS	Rear Outfeed, Hand Merge Station, X-Jogger, Straight Jogger, Deep Pile Stacker, Corner Stapler		
FEATURES	<ul style="list-style-type: none"> • Modular Construction • Up to 16 bins per tower • Wide range of sheet sizes & stocks • Automatic self-calibrating miss and double sheet detection • Faulty set diverter* • Very compact design • Multi-directional outputs for stacking and bookletmaking • Excellent ergonomics • Independent operation of each tower in two-tower systems • Colour touch screen graphical user interface • On-screen help system • Preset sizes, templates and job memories for repeat jobs • Special feed sequences and selective feeding 		

*floorstanding Varios



WATKISS AUTOMATION LTD
Watkiss House,
1 Blydon Road,
Middlefield Industrial Estate,
Sandy, Beds, SG19 1RZ
United Kingdom

tel +44 (0)1767 682177
fax +44 (0)1767 691769
email info@watkiss.com
web www.watkiss.com

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.

Protected by patent.
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SpineMaster and SquareBack are trademarks
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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 25 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.