

Watkiss Vario®

“It is critical to our business that the work we produce is of the highest quality and this is reflected in our choice of finishing equipment. Which is why Watkiss supply all our collating and booklet making machinery.”

Iain Wyeth - Wyeth Print Group



Vario with collating stacker and BookMaster Pro booklet maker and trimmer

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; with 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 in the future. Choose between air-assisted friction 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 user 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.

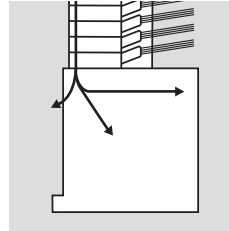
Special Applications

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.



Multiple Outputs

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



Ergonomic

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



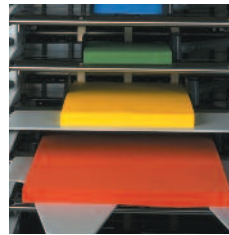
Hand Merge Sets

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



Integrated Control

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



Centre Referenced

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



Set Security

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



Added Value

Add value to finished booklets by applying a SquareBack finish with the Watkiss SpineMaster.



Two tower Vario with Automatic Stitch-Fold and Trim and X-Jogger

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, SlimVAC Rotary suction

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

Stacking Straight Jogger, X-Jogger, Deep Pile Stacker†

Booklet Making Automatic Stitch-Fold and Trim (page 18), BookMaster booklet-makers (page 21), Two-Knife Trimmer (page 24), SpineMaster (page 26)

Options Rear outfeed, Hand Merge



Vario with X-Jogger



Benchtop Vario

Specifications	Friction Feed	Slimvac Suction Feed
Feed System	Friction feed with air separation	Variable profile rotary suction feeder with air separation
Production (sph)	up to 7,200	up to 5,000
Bin Capacity	40mm	45mm
Configuration		
Max. number of feeders		
Floor-standing Base	16, 32 with two towers	16, 32 with two towers
Bench Base	10	10
Oscillating Bench Base	12	12
Stock Size		
Min.	120 x 160mm	120 x 160mm
Max.	364 x 520mm	364 x 520mm
Stock Range	40 to 300gsm (Coated: minimum 90gsm when booklet making)	40 to 240gsm
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 and trim) Watkiss Automatic Stitch-Fold and Trim	
Options	Rear Outfeed, Hand Merge Station, X-Jogger, Straight Jogger, Deep Pile Stacker,† SpineMaster, Two-Knife Trimmer	
Features	<ul style="list-style-type: none"> • Modular Construction • Up to 16 bins per tower • Wide range of sheet sizes and stocks • Automatic self-calibrating miss and double sheet detection • Faulty set diverter* 	<ul style="list-style-type: none"> • Very compact design • Multi-directional outputs for stacking and bookletmaking • Excellent ergonomics • Independent operation of each tower in two-tower systems
		<ul style="list-style-type: none"> • 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 • SpineMaster SquareBack books (option).

*floorstanding Varios †special order