MÜLLER
FLEXIBLE PAPER HANDLING SOLUTIONS

GRUPPO
MULTI IMPORT
DAL 1958 TECNOLOGIE PER LE ARTI GRAFICHE E IL PACKAGING

For Océ VarioPrint

BOOK TRIM

EFFICIENT SHEET CUT & STACK SYSTEM

MÜLLER

FLEXIBLE PAPER HANDLING SOLUTIONS

MÜLLER BOOK TRIM
EFFICIENT SHEET CUT & STACK SYSTEM

The Müller BookTrim postpress system increases productivity in the Book on Demand segment. With its efficient mode of operation, it reduces both the number of printer clicks per sheet and the number of work steps from printing to bound book. An ideal basis for optimum production.

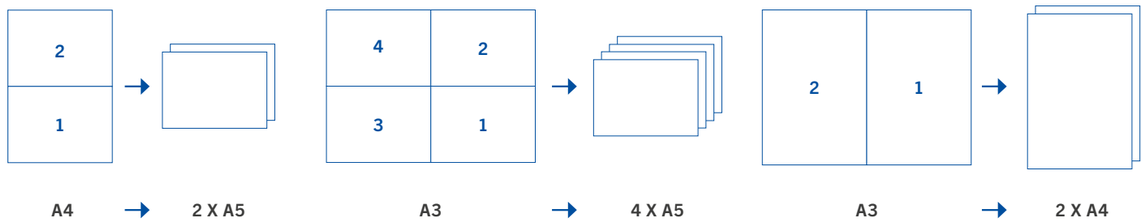
The Müller BookTrim produces online on sheet-fed printing systems and also offline. In the online mode, the Müller BookTrim and printer can also be used seperately from one another for processing of separate jobs.

The system cuts printed sheets up to four individual book pages, but leaves them in the untrimmed size required for further processing. The pages are then grouped and converted into the correct order as an offset stack. Depending on application or system configuration (I- or L-version) the stacking takes place as Book of One (one book) or Book of Two (two books). Now the book stacks are ready for binding.

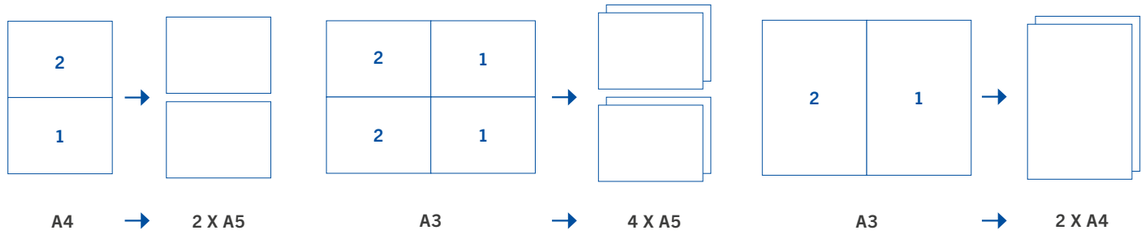
The Müller BookTrim is the ideal system when small sets of up to 100 books, single copies and books in various formats are demanded.

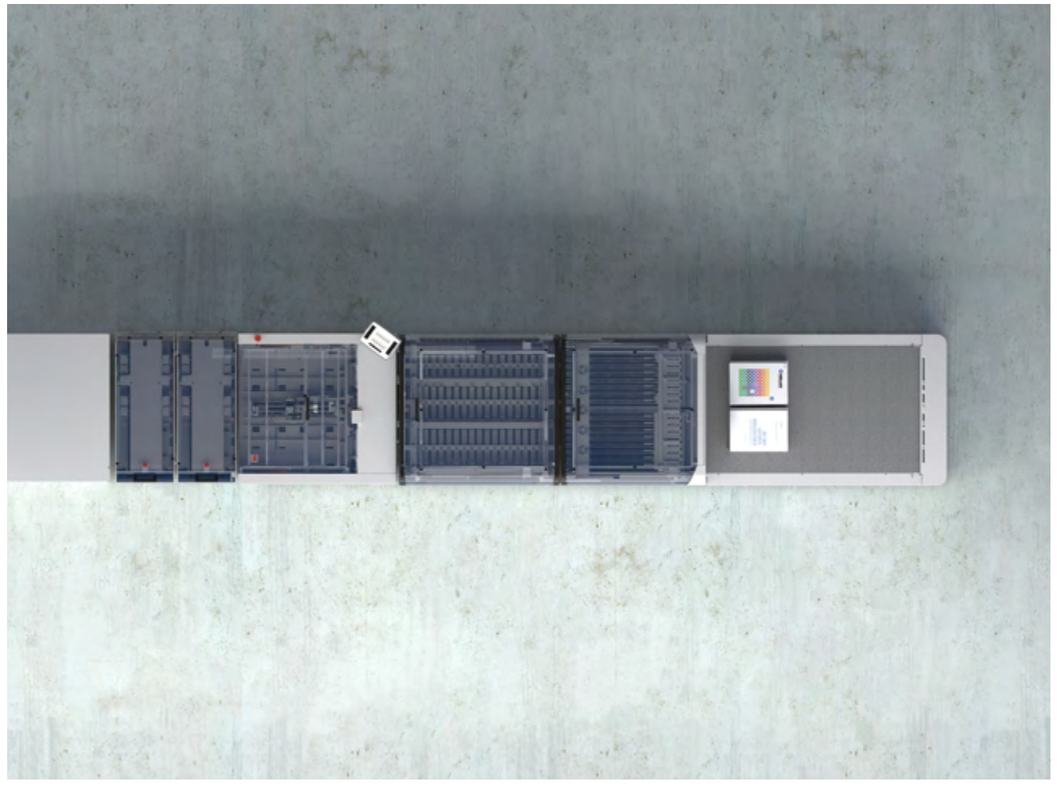
Processing • formats up to 395 mm x 500 mm, up to 4-up per sheet
Productivity • large stacking capacity up to 2,000 sheets/230 mm
Paper direction • right to left and left to right

BOOK OF ONE L-VERSION



BOOK OF TWO I-VERSION





INPUT MODULE

The input module is the mechanical docking point between printer and Müller BookTrim. The module takes the paper sheet by sheet and transports it to the next module for further processing.

MECHANICAL CONNECTION POINT
TAKING OVER SHEETS
FORWARDING SHEETS

CUTTER

The cutter accepts the document and prepares it for cutting. The first step is to align the document. Depending on the requirements of the application, the cutter cuts the sheet into the desired number of copies. A maximum of 4-up per sheet is possible. The edge cut, centre slit-cut, centre gutter-cut, cross cut and double cross cut functions get the maximum out of each sheet.

ALIGN DOCUMENT
UP TO 4-UP PROCESSING
EDGE, MIDDLE AND CROSS CUT

SEQUENCER

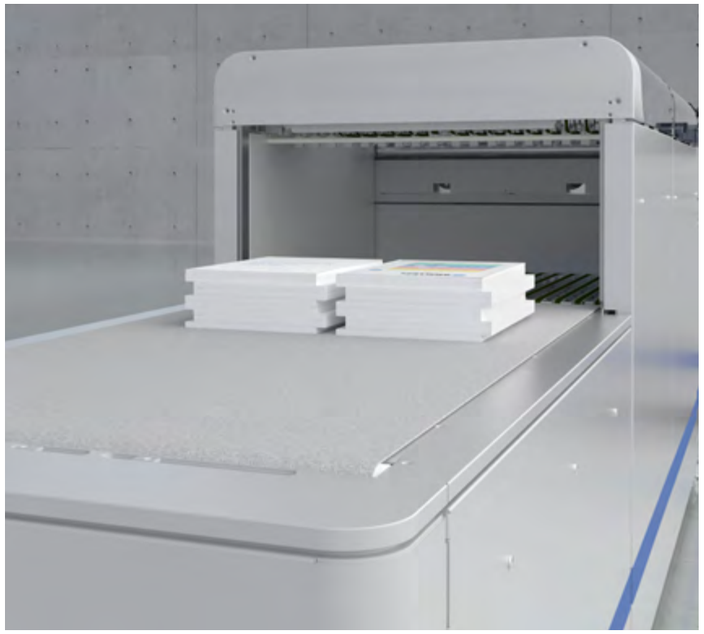
The sheet can be output from the sequencer to the left and to the right. That has two great advantages: the system can be set-up to towards or away from the printer in line with the customer‘s workflow. A second channel can be connected in addition to the Müller BookTrim‘s standard channel, e.g. for booklet processing. Thanks to the 2-up processing (parallel), the sequencer acts as a merger, thereby enabling slalom processing.

VARIABLE SYSTEM SET-UP
SECOND PROCESS CHANNEL
MERGER FUNCTIONALITY

GROUP SEPARATOR STACKER

The separated and aligned documents are offset by 11 millimetres by means of the innovative 2-level gateway system. This is either triggered by a printer signal or code control. The documents are placed on the stacker separated into groups. The stacks can be deposited on the delivery belt without getting caught up in one another. It is therefore easy for the operator to remove the stacks. When the end of the stack is reached, the stacks are passed onto the next delivery belt. The height of the stack is around 2,000 sheets at 80 g/m².

STACKING WITHOUT SNAGGING
TOP LEVELS OF RELIABILITY IN PRODUCTION
RELIABLE PROCESSING

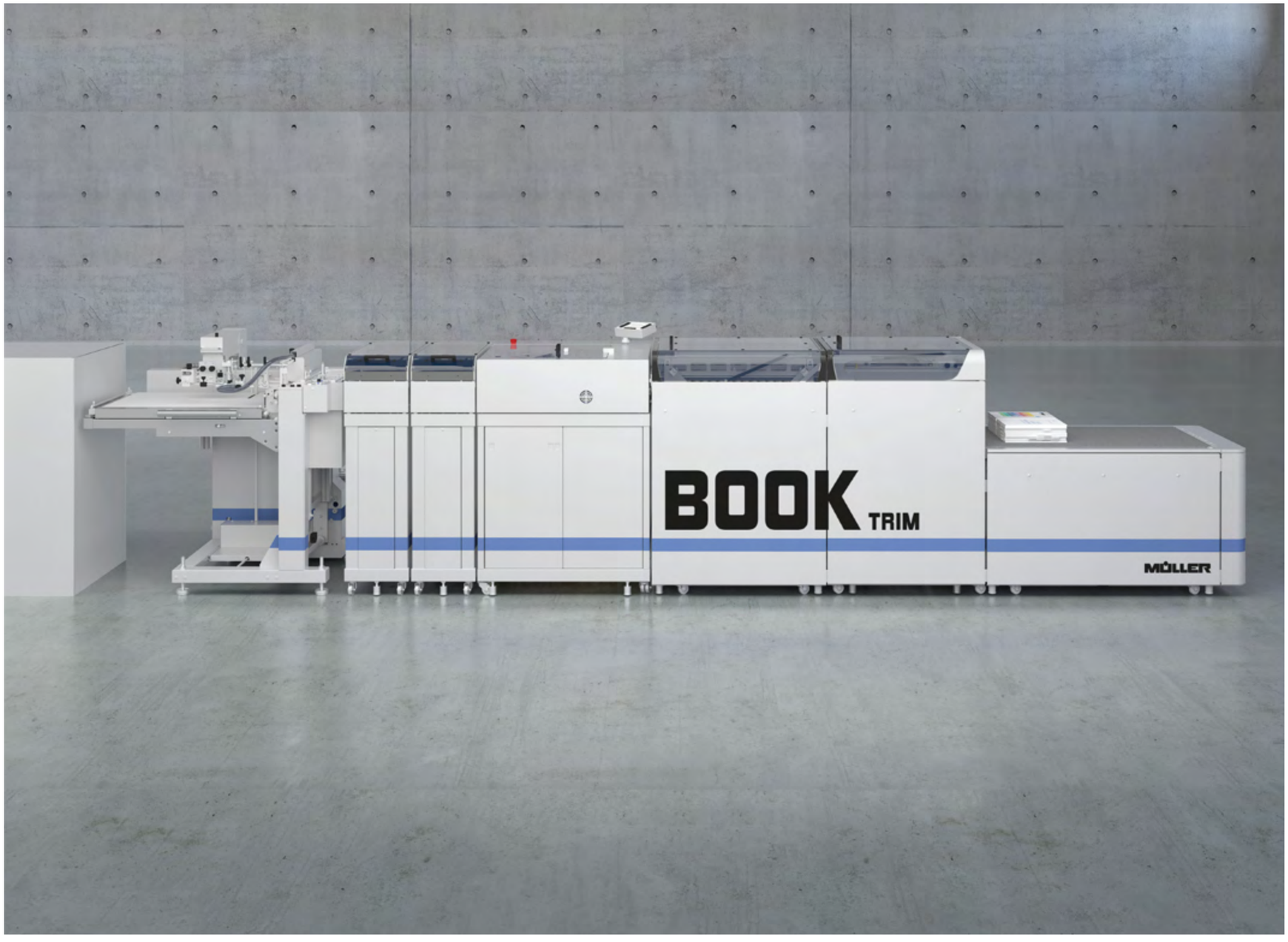


OPTION

WASTE EXTRACTOR

Mobile waste extraction with a large container picks up the trim and cut-outs. When the container is full, Müller BookTrim and the printer stop automatically. Once the container has been emptied or replaced, both systems start up again automatically.

LARGE CONTAINER
AUTOMATIC STOP AND START
MOBILE

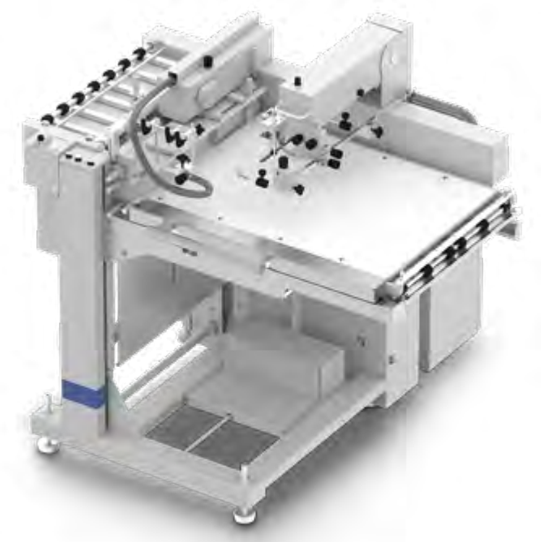


In online processing, the sheet is passed from the printer to the Müller BookTrim through the feeder. In offline processing, the feeder guides manually fed stacks to the Müller BookTrim. During this time, the printer can be used for the production of separate jobs.

CAN BE USED ONLINE AND OFFLINE
LARGE STACK CAPACITY
HIGH DEGREE OF FLEXIBILITY

OPTION

FEEDER



TECHNICAL DATA	BOOK OF ONE	BOOK OF TWO
SPEED	6.000 DOCUMENTS/H	6.000 DOCUMENTS/H
PAPERWEIGHT	60 – 200 G/M²	60 – 200 G/M²
PAPER DIRECTION	RIGHT-TO-LEFT OR LEFT-TO-RIGHT	RIGHT-TO-LEFT OR LEFT-TO-RIGHT
INPUT	MIN. 195 X 185 MM (W X L)	MIN. 195 X 110 MM (W X L)
	MAX. 395 X 500 MM (W X L)	MAX. 395 X 500 MM (W X L)
OUTPUT	MIN. 195 X 110 MM (W X L)	MIN. 195 X 110 MM (W X L)
	MAX. 305 X 330 MM (W X L)	MAX. 395 X 305 MM (W X L)
	STACK UP TO 2,000 SHEETS AT 80 G/M² WITH GROUP SEPARATION	STACK UP TO 2,000 SHEETS AT 80 G/M² WITH GROUP SEPARATION
USAGE	4 UP	4 UP
PROCESS TYPES	HORIZONTAL & VERTICAL SLIT- AND GUTTER-CUT	HORIZONTAL & VERTICAL SLIT- AND GUTTER-CUT
	SLIT-CUT 5 – 25 MM	SLIT-CUT 5 – 25 MM
	GUTTER-CUT 4 – 10 MM	GUTTER-CUT 4 – 10 MM
COMMUNICATION	VIA MÜLLER-PRINTER-INTERFACE	VIA MÜLLER-PRINTER-INTERFACE

MÜLLER

FLEXIBLE PAPER MANAGEMENT SOLUTIONS

Müller stands for extremely flexible paper management solutions for the automated processing of digital print products. From cutting, folding and inserting through to the verification of documents and the affixing of plastic cards: Systems from Müller feature the latest technology and a high level of reliability for a wide range of different requirements from transaction printing through to graphic arts applications.

Müller works according to a unique principle: paper management systems are configured from more than 100 combinable modules to meet individual customer requirements. The modules cannot only be combined with one another but can also be integrated into existing systems. Whenever there is a new customer application to be realised, the modules can be quickly and easily combined to form a new configuration. The Müller module concept also automates applications that could previously only be processed manually.

From the mechanics and electronics through to the software, Müller produces almost every component itself to the highest German quality standard. This not only speeds up the development of the systems while guaranteeing the long-term availability of spare parts but also allows customer-specific adaptations to be carried out at any time.

Müller.
Flexible. Intelligent. Efficient.

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