MÜLLER

FLEXIBLE PAPER HANDLING SOLUTIONS

8900

MULTIFORMAT HIGH-PERFORMANCE INSERTING SYSTEM

MÜLLER
FLEXIBLE PAPER HANDLING SOLUTIONS

MÜLLER 8900
MULTIFORMAT HIGH-PERFORMANCE INSERTING SYSTEM

Reliable processing, short set-up and production times with maximum flexibility are all characteristics of the Müller 8900. The multiformat high-performance inserting system handles transactional applications, personalised letters and other complex mailings with ease and at speed reliably. The Müller 8900 perfectly adapts to the customers requirements.

The all-round system from Müller is of modular design and can be adapted to maximum. The system will meet the requirements of the customer and can be upgraded at any time. Also retrospectively. Popular options are modules with output reading or for insurance policies with stapler.

The Müller 8900 is the all-in-one solution to maximize on your output and will negate the need for having differing mailing systems for separate applications. This latest technology comes with low operating costs, touch-screen operation and a modern maintenance concept.

Single System Concept • various applications • all-in-one system
Envelope flexibility • largest selection with all intermediate formats
Ease-of-Use • comprehensive AutoSet system with intuitive touch-screen operation
Process control • document monitoring and Camera Job Control
Flexible processing • cut-sheet and continuous or mixed processing

SYSTEM CONCEPT

AUTOMATIC SET-UP

The system is equipped with an AutoSet function as standard. When changing over between jobs, settings on the modules are changed fully automatically. All jobs can be saved in the system. When a job is called up, the automatic setting system makes all required changes, including:

- Document size
- Folding pattern
- Code reading position
- Enclosure management
- Sealing unit
- Envelope feeder

The AutoSet PLUS function is optional. It stores settings for air supply (e. g. enclosure feeder), calls them up and partly dynamically controls them.

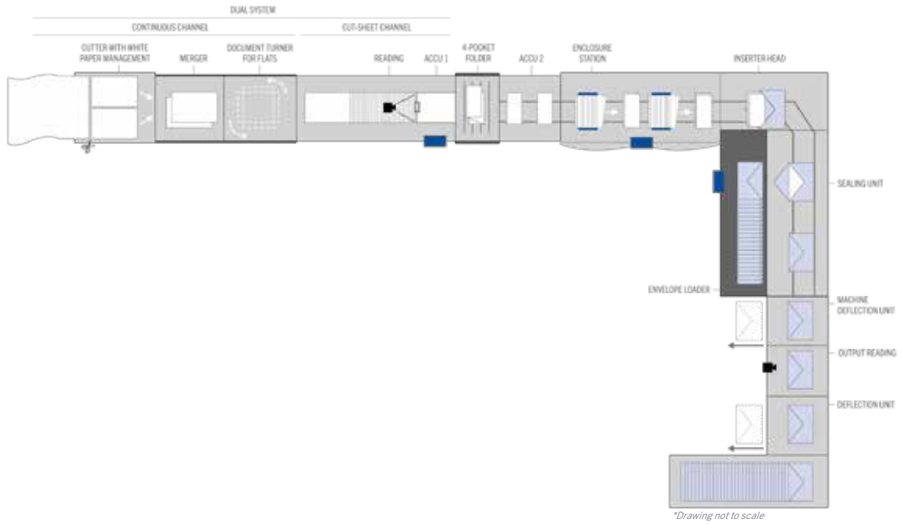
SYSTEM VARIANTS

The Müller 8900 is available in two performance levels. Infeed takes place via continuous and/or cut-sheet channel. As an intelligent dual system (continuous and cut-sheet channel) it can process both continuous web and cut-sheets.

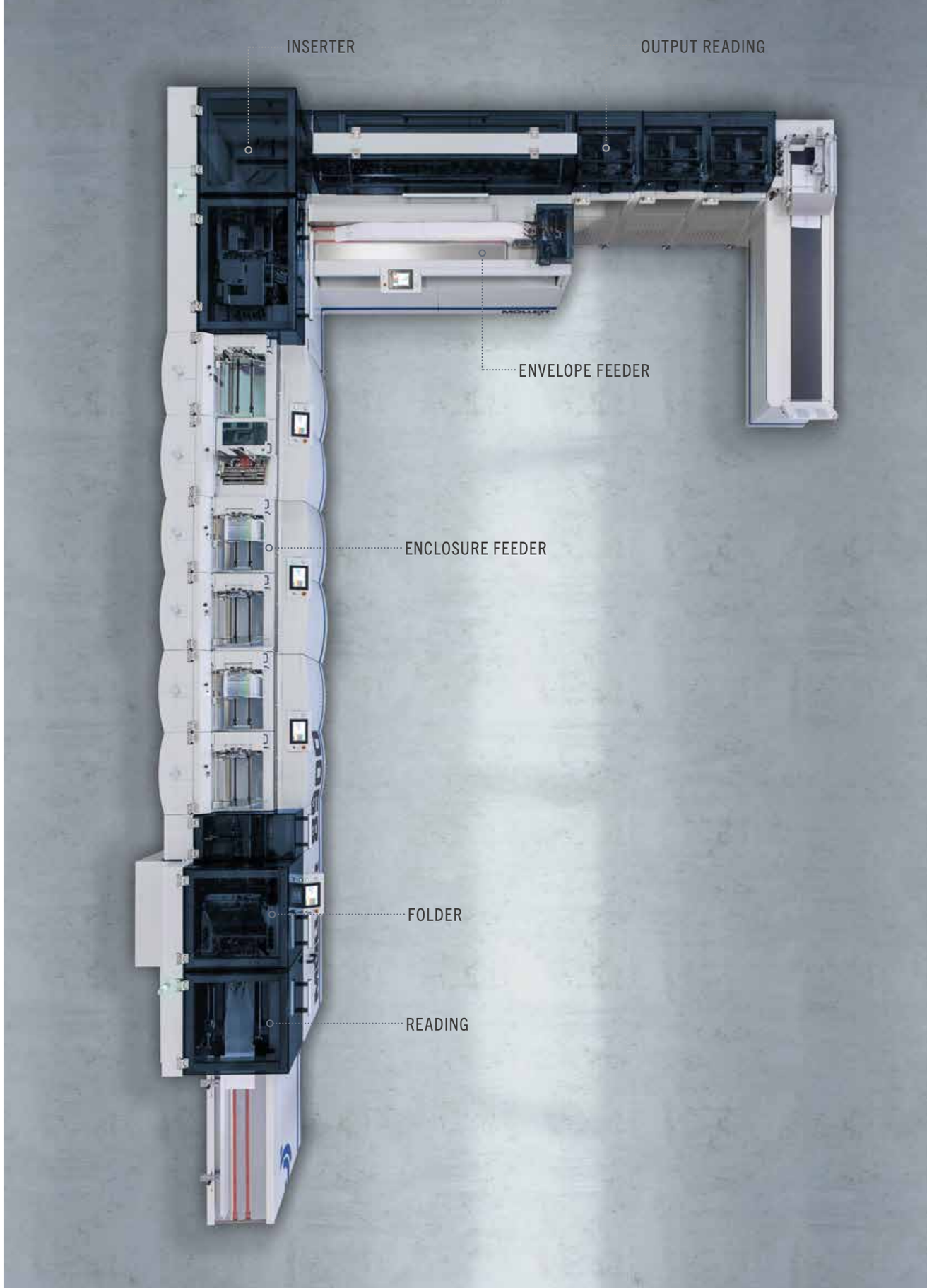
Müller 8922	**22.000**	**22.000**	**12.000**
Müller 8914	**14.000**	**14.000**	**10.000**

PAPER PATH

Schematic paper path* from the continuous channel without upstream and downstream modules. The document turning unit is only active for flats processing.



*Drawing not to scale



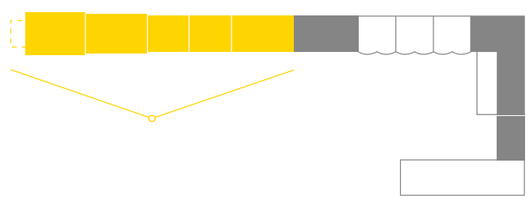
INFEED

The **CONTINUOUS CHANNEL** from Müller meets a wide range of requirements in modern document processing: pinless, pinfeed, from the roll or from fan fold. It trims 60,000 A4 documents per hour with a single or double cut. Waste sheets are diverted fully automatically by means of white paper management, 2-up documents are merged and turned for flats processing without loss of performance. DL, C5 and flats applications can be processed in the same channel without changeover.

2-UP CUT-MERGE
WHITE PAPER MANAGEMENT
DL, C5 AND FLATS PROCESSING

The **CUT-SHEET CHANNEL** on the Müller 8900 is an intelligent dual system: documents can either be placed manually in the feeder or taken directly from the continuous channel. Using camera control, the channel processes up to 60,000 A4 documents per hour. All codes can be captured in the AutoSet mode using the full-page reading capability.

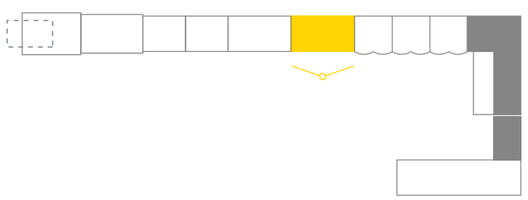
INTELLIGENT DUAL SYSTEM
HIGH DOCUMENT THROUGHPUT
CAMERA CONTROLLED PROCESSING

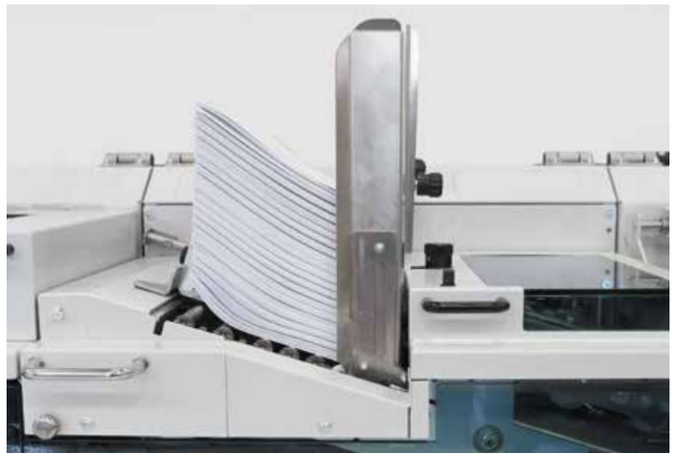


READING GROUPER FOLDER

The documents are collated in the grouper according to the evaluation from the full-page reading. The 4-pocket folder has been optimized to process variable groups of up to 15 sheets. All types of fold and document lengths can be set using the AutoSet function.

FULL-PAGE READING
GROUPING IN TWO STAGES
4-POCKET FOLDER

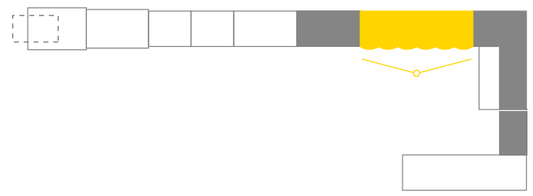


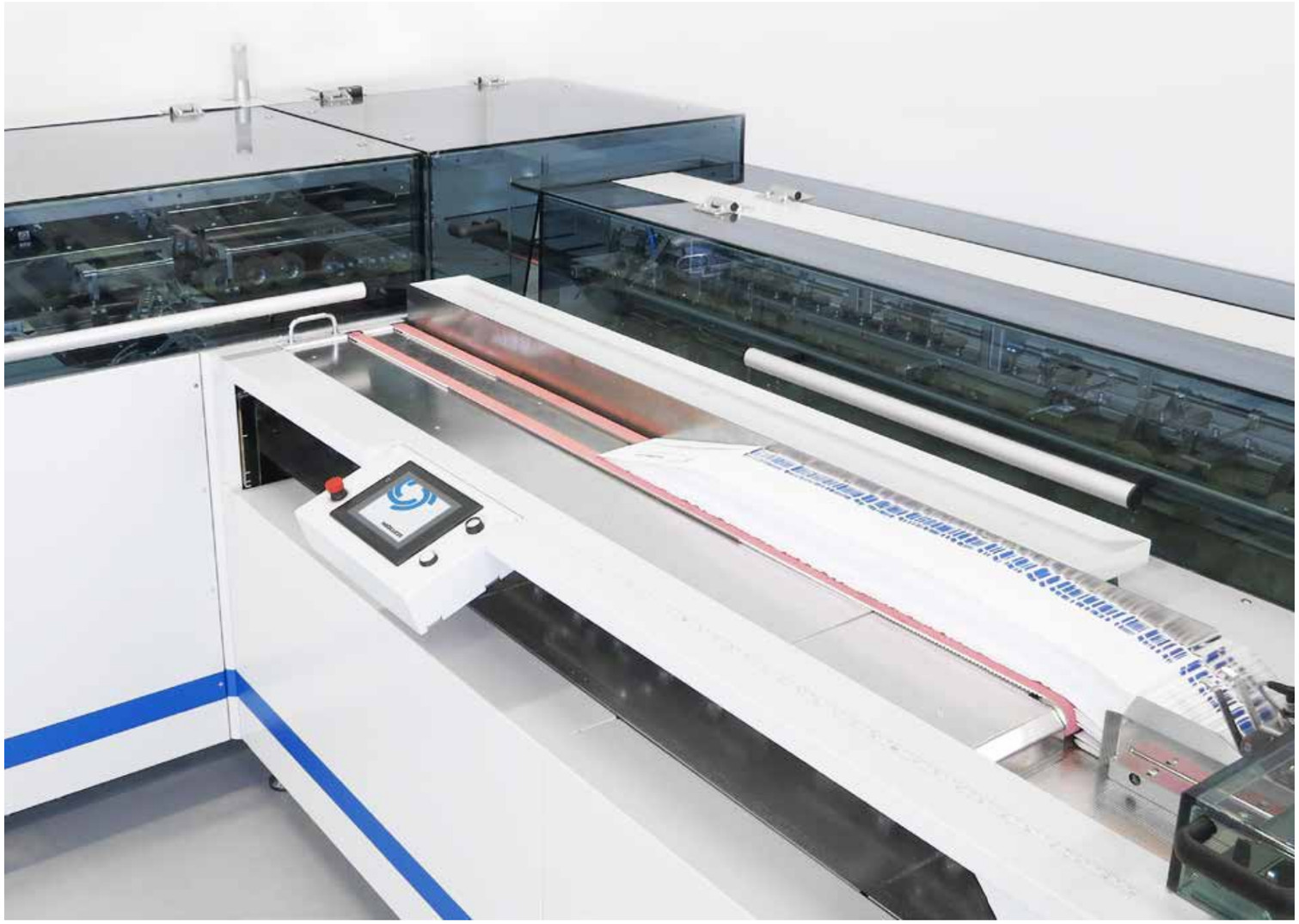


ENCLOSURE STATION

Enclosures of all kinds can be added to the documents at up to twelve possible feeders. Vacuum feeders, catalog feeders and rotary feeders can be used, depending on the material in question. Enclosures of all thicknesses and surface finishes can therefore be processed simply and reliably. They are fed to the main documents selectively (with optional reading) or per inserting cycle (permanent).

WIDE VARIETY OF ENCLOSURES
ALTERNATE MODE (FLIP-FLOP)
SELECTIVE OR PERMANENT FEED

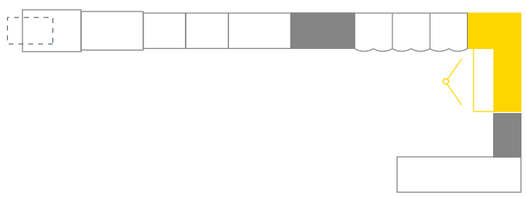




INSERTER

Envelope feeder, inserting station and sealing unit can be adjusted using the AutoSet function. It adjusts the modules in accordance with the height, width and flap depth. The operator only has short distances to cover to operate the system. Even thin, shiny materials can be processed thanks to the separation principle. All envelope formats run stably. Control mechanisms identify non-conformances. Wrongly placed or unopened envelopes are diverted without interrupting the flow of the machine.

FAST FORMAT CHANGEOVER
SIMPLE FILLING
MONITORING NUMBER OF INSERTS



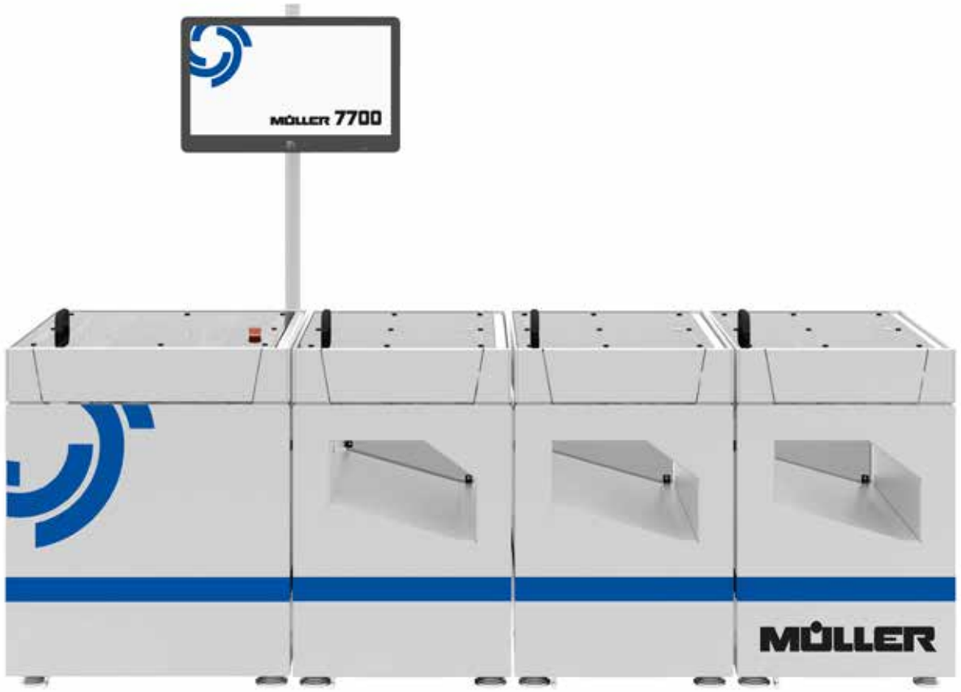
OPTION

OUTPUT READING

For highest security requirements in production, Müller offers the Müller 7700 output reading system, which works independent of the inserting system. It takes processing to the next level of quality.

The Müller 7700 has a modular design. Depending on the application and customer requirements, it is available with 1 to 3 deflection units. With the intelligent software Müller Mail Inspector (ADF Solution), the output reading tracks and archives all mailings. The system controls all types of errors depending on the number of deflection units selected, software level and customer definition reliably. The deflection untis can also be defined as sorting units.

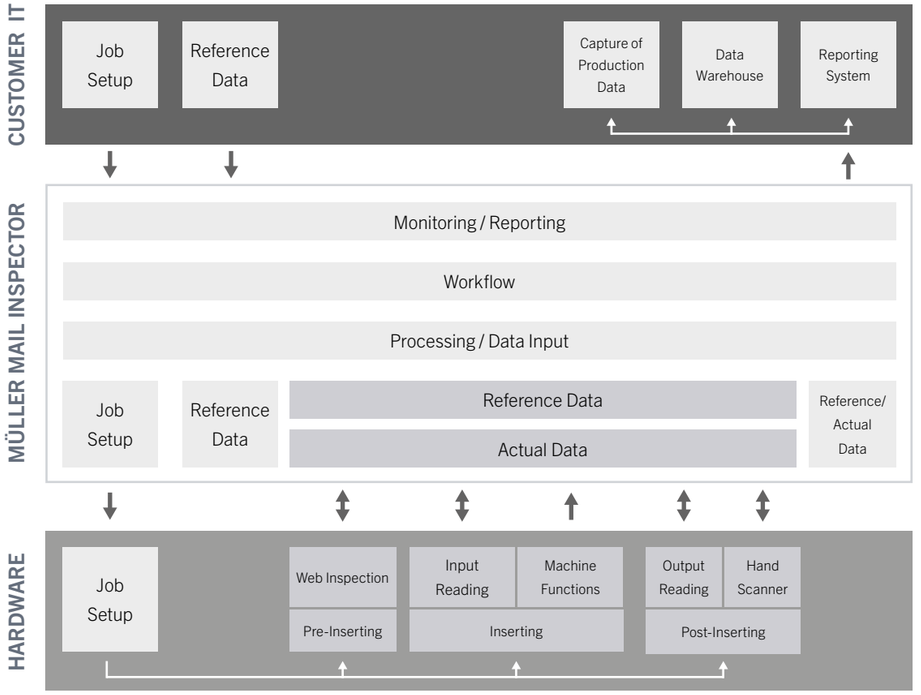
MAILPIECE TRACKING
RELIABLE DIVERTING
DEFINITION OF DIVERTING CRITERIA



OPTION

SOFTWARE

Modern document output center use high-performance inserting systems such as Müller 8900. They expect maximum productivity and processing reliability. To ensure this, precisely coordinated yet flexible production processes and complete mailpiece tracking are required. The Müller Mail Inspector Suite meets these requirements.



The Müller Mail Inspector Suite logs document and mailing processing in the integrated database and offers highest integrity by including the upstream and downstream inserting processes. Thus, every single document along the process chain is tracked until it lies on the delivery belt or in the postbox. Multiple camera systems, machine data evaluations and hand scanner are integrated for complete recording of all data.

This allows closed-loop processes to be generated with reprint data and guarantees complete mailpiece tracking of the entire production. Quality controls (test samples), SLA controlling and reporting evaluations as well as automatic job handling (workflow management) enable comprehensive process management. The Suite is available as a single-user or client-server solution with various expansion levels.

TECHNICAL DATA

PERFORMANCE	MÜLLER 8922: 22.000 (B5) / 12.000 (B4)
	MÜLLER 8914: 14.000 (B5) / 10.000 (B4)
DOCUMENT	CUT-SHEET (2.500 SHEETS)
	(60) 80 – 130 (210) G/M²
	100 – 405 MM (4 – 16") PAPER LENGTH
	45.000 – 60.000 DOCUMENTS/H
	CONTINUOUS (PINLESS AND PINFEED)
PROCESSING	2-UP CONTINUOUS SLALOM AND CUT-SHEET
	WHITE PAPER MANAGEMENT
	FACE DOWN, FOOT FIRST, A-Z (= STANDARD)
CUTTER	HORIZONTAL SLIT AND GUTTER CUT AT FULL SPEED
	VERTICAL SLIT AND GUTTER CUT (LEFT, RIGHT, WITHIN THE DOCUMENT)
FOLDER	ALL TYPES OF FOLD UP TO 10 SHEETS (HALF FOLD UP TO 15 SHEETS)
INTERFACE	TOUCH-SCREEN OPERATION
	DOCUMENT MONITORING
	INTERFACE FOR PRODUCTION MANGAGEMENT SYSTEMS (PMS)
ENCLOSURES	MIN. 60 × 175 MM
	MAX. 220 × 305 MM
	(40) 60 – 200 (250) G/M²
	4.000 SHEETS
ENVELOPES	MIN. 105 × 220 MM (H × W)
	MAX. 254 × 353 MM (H × W)
	70 – 120 G/M²
	1.500 ENVELOPES
	15 MM FILLING CAPACITY

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.

MÜLLER
FLEXIBLE PAPER HANDLING SOLUTIONS

Müller Apparatebau GmbH
Gewerbepark 19
85402 Kranzberg
Germany

+49 8166 670 - 0
info@mueller-phs.com
www.mueller-phs.com

2018.04EN