

Realisation of economic online processing of confidential documents with MB-System

MB Bäuerle has recently developed a system for the complete inline production of confidential documents - from digital printing to the final product. Among other things, this is due to the use of so-called "Pressure Seal Forms". They make it possible that confidential information (for example PIN- or TAN-lists) can be produced and distributed fast and efficiently.

The document is generated by means of a single sheet digital printing system. After leaving the digital printer, the document is turned 90° in the turning station Ti 90, allowing a change of direction without a roller table. This means that the sheet can enter the folder horizontally. Digitally printed products tend to be statically charged as a result of the high temperatures during fusing and the consequent dehumidification. This may be the cause for problems in the paper transport. For this reason an antistatic device has been installed in the infeed section of the folding system CAS 52/4 to reduce electrostatic charging. The fold is made in the computer-controlled MB-fold module.

"Pressure Seal Forms", which have a pressure-sensitive partial gluing at the edge, can subsequently be sealed in the Velox 8 sealer under high pressure, activating the glue that has been applied before.

The special protective covers around the entire system are difficult to open and screen it from view. A software which registers and captures when and where the protective covers were opened ensures a constant monitoring.



Single sheet-digital printing system with turning station Ti90



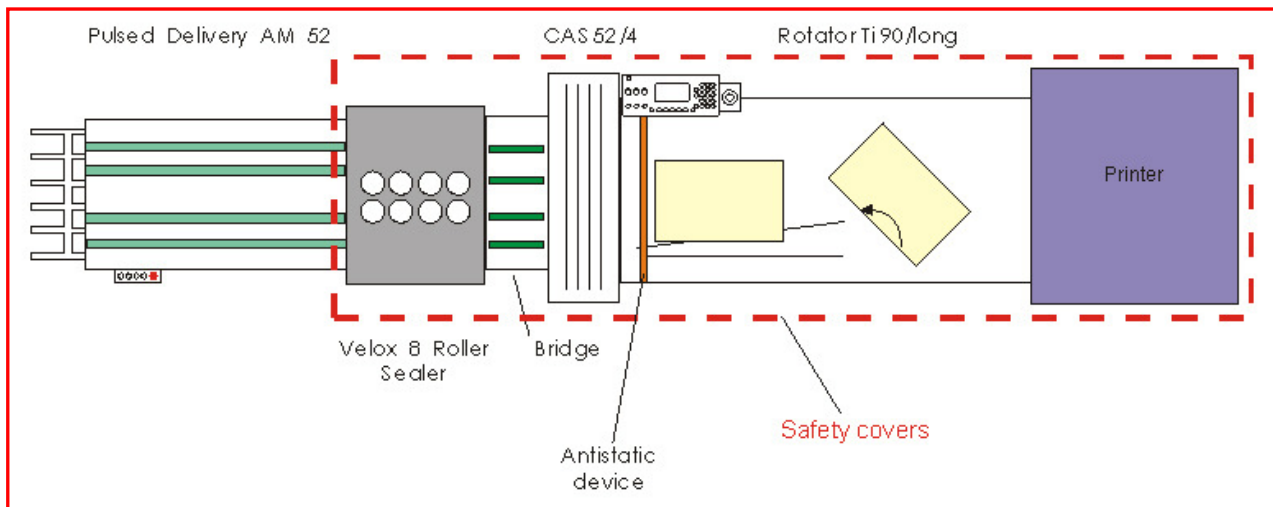
MB-System CAS 52/4



MB-System CAS 52/4 with Velox 8 sealer



Single image of the Velox 8 sealer



System-Layout - Folding system online with sealer

Specific characteristics of the machine:

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| <ul style="list-style-type: none">➤ Turning station Ti 90 / Long version➤ MB-System CAS 52/4➤ Antistatic device➤ Transfer conveyor➤ Sealer Velox 8 | <ul style="list-style-type: none">➤ Shingled delivery AM 52➤ Software for constant monitoring and logging➤ Safety covers |
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