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Tirelessly innovative in sheet transport.

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MABEG RS ReelSheeter

Product overview

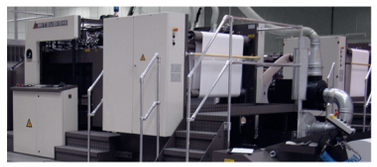
Inline ReelSheeter for printing presses
MABEG RS ReelSheeter (cross cutters) enable the use of usually much more cost-effective and easier-to-process reel stock on sheetfed presses. They have become indispensable in the processing of foils and label material as well as in lightweight printing.

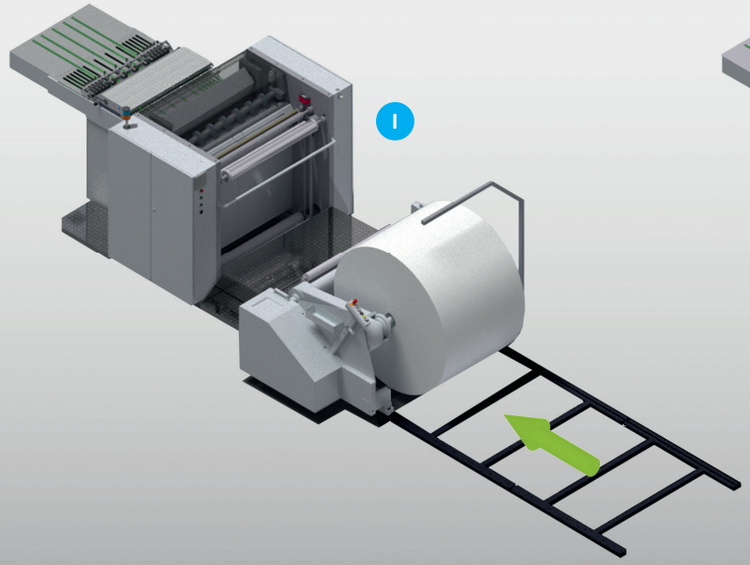
Every day, more than 350 MABEG ReelSheeter prove their worth as workhorses in the tough day-to-day production environment on presses from all manufacturers. Today, the RS ReelSheeter family includes in-line Reel Sheeter in formats 3B, 6 and 7.

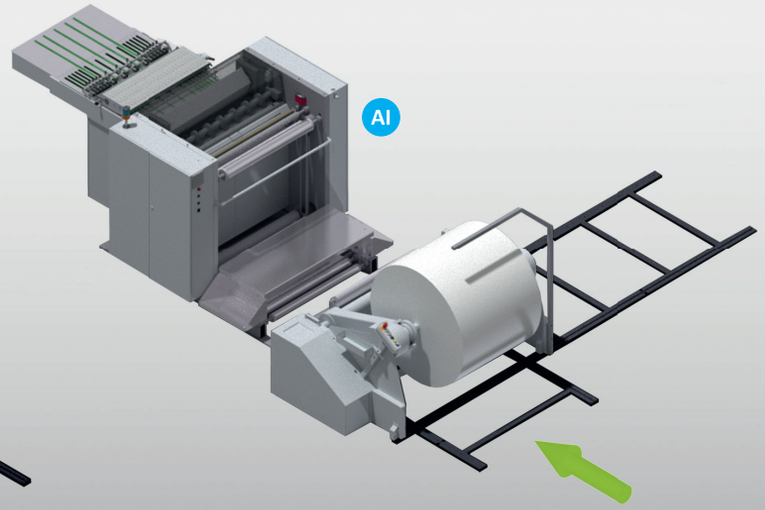
Inline ReelSheeter with register cut
The medium-format ReelSheeter can be equipped with register cut RC and allow an exact cut according to the print mark, pattern or watermark. The most common applications are machines that process pre-printed reels, such as die-cutters and (banknote) printing presses.

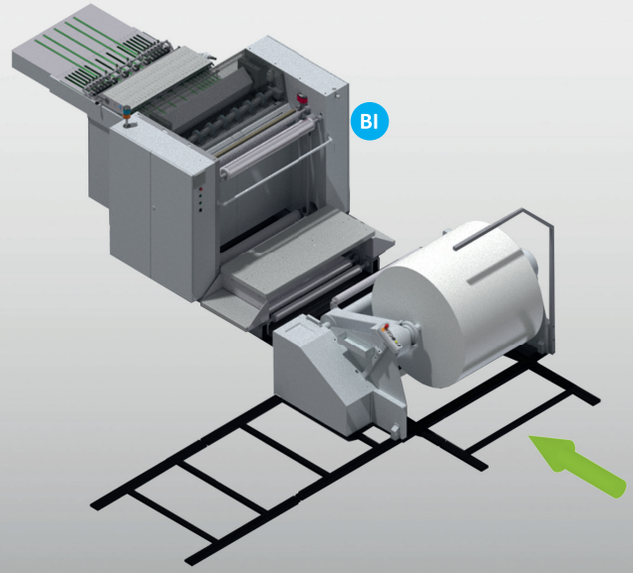
Stand-alone ReelSheeter with and without register cut
The MABEG RS 106X -1S is a stand-alone ReelSheeter with integrated sheet stacker, which is characterised by its compactness and simple operation. The RS 106X - 1S can be equipped with a camera-based register cutter, making it ideal for paper mills and banknote printers who need to cut by watermark or cut mark.

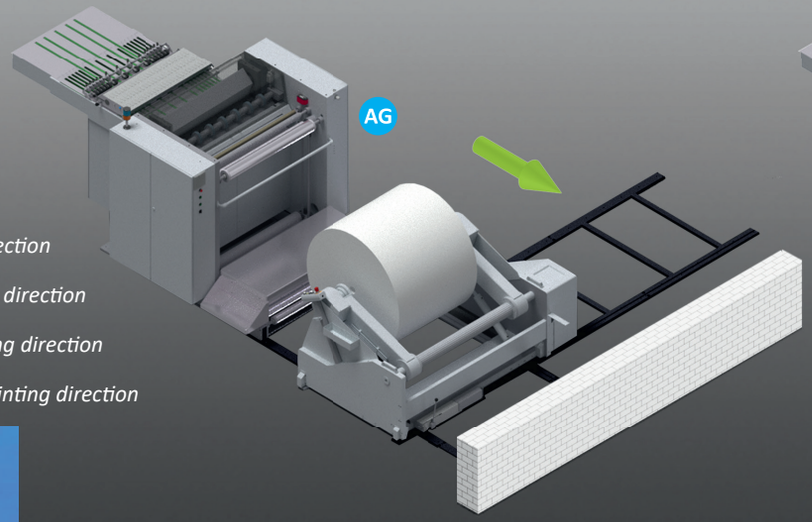
More than 350
MABEG reel sheeters
are in use
worldwide

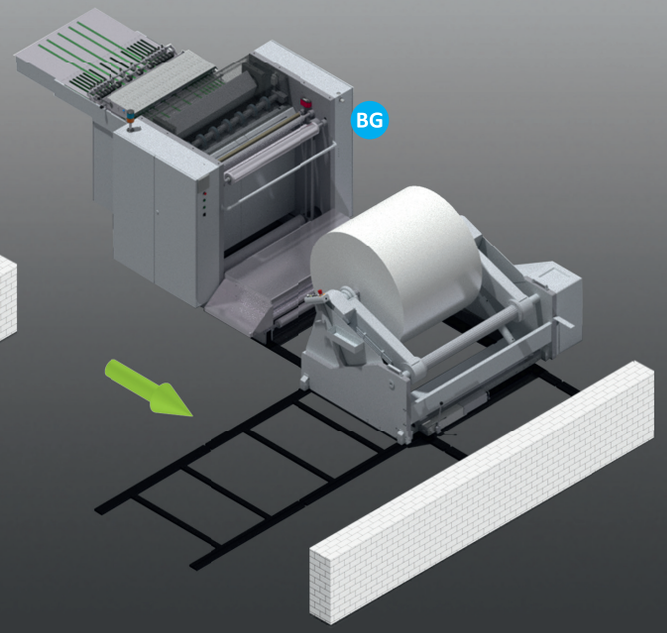












I *Reel loading in printing direction (Inline)*

AI *Unwinder parking position on the drive side, reel loading in printing direction*

BI *Unwinder parking position on the operator side, reel loading in printing direction*

AG *Unwinder parking position on the drive side, reel loading against printing direction*

BG *Unwinder parking position on the operator side, reel loading against printing direction*

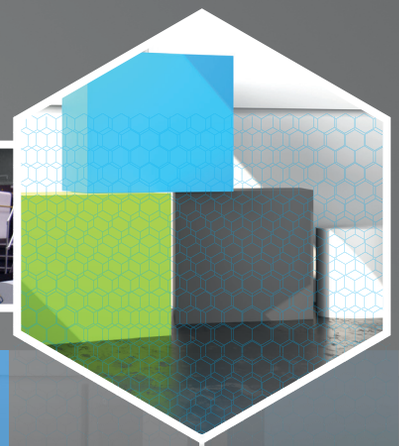
Inline ReelSheeter RS 106 configuration

Perfectly adaptable to transport paths and local conditions

The MABEG ReelSheeter is installed on a recessed rail frame on which the unwind and cutting unit can be moved.

As standard, we offer the 5 set-up variants shown in the diagram. This means that the RS 106 can be ideally adapted to the space available and the logistics in the print shop. If required, special variants can also be supplied so that the RS 106 can be optimally positioned even in tight spaces. This is particularly useful for retrofitting existing presses where there is only limited space in front of the sheet feeder.

The arrow marks the loading position for unwinding. If the reels are loaded in the direction of printing, the unwind is loaded in its working position. If the reel is loaded against the print direction, the unwinder is moved to the lateral parking position for loading.



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ReelSheeter for large format

Material cost advantages and smooth running for the large format

The MABEG ReelSheeter family also includes large-format models. Here we offer the RS 145 and RS 165 for print formats 6 and 7.

In principle, the large-format ReelSheeter are constructed in the same way as the RS 106. The set-up variant in the large format is basically in-line, because the weight of the reel makes it impossible to move the unwinder sideways.

The models RS 145 and RS 165 are offered with a shaftless unwinder. Adapters for different core diameters are available here.

	RS 145	RS 165
Min. Sheet size (width x length)	800 mm x 670 mm	800 mm x 670 mm
Max. Sheet size (width x length)	1.450 mm x 1.060 mm	1.640 mm x 1.205 mm
Max. speed mechanical *	18.000 sheets/hour	18.000 sheets/hour
Unwinder	shaftless unwinder 6“ **	shaftless unwinder 6“ **
Application range (paper & cardboard)	70 g/m² to 250 g/m² bei 0,07 mm to 0,3 mm **	70 g/m² to 250 g/m² bei 0,07 mm to 0,3 mm **

* The stated values depend on material, format, grammage, climatic conditions and ambient conditions.

** On request after technical clarification

Subject to technical changes!

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MABEG Stand-Alone ReelSheeter

The compact ReelSheeter with optional register cut

Optionally, the unwinder can be equipped with a register cutting system. There are two variants to choose from:

- The register cutting system is equipped with a typical cutting mark sensor and the cut is made according to a defined cutting mark.
- The register cutting system is equipped with a high-resolution camera system that works with transmitted light.

This allows the ReelSheeter to cut according to cut marks in transmitted light or directly according to watermarks.
This is ideal for processing security paper with watermarks and banknote paper.

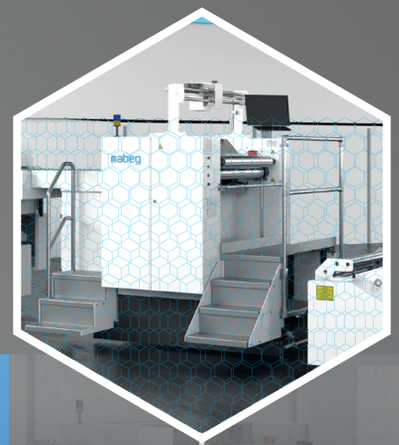
In conjunction with the MSP 106 sheet inspection and sorting line, a unique combination can be created:
Precise cross-section, optionally in register, double-sided high-resolution inspection with transmitted light inspection and coding with track & trace systems.

	Brief description Stand-Alone ReelSheeter RS 106X - RC - 1S
Web width:	min. 500 mm - max. 1060 mm
Cut-off length:	min. 450 mm - max. 780 mm optional max. 1.060 mm
Material:	Paper and paperboard 60 g/m² - 250 g/m² *
Reel diameter:	max. 1.500 mm
Stack weight:	max. 1.500 g/m²
Stack height:	max. 1.500 mm
Speed:	max. 12.000 sheets/h or 200 m (max. mechanical performance)

The specified values depend on the material, format, grammage, climatic conditions and ambient conditions.

*Other materials project-specific after technical clarification.

Subject to technical changes!



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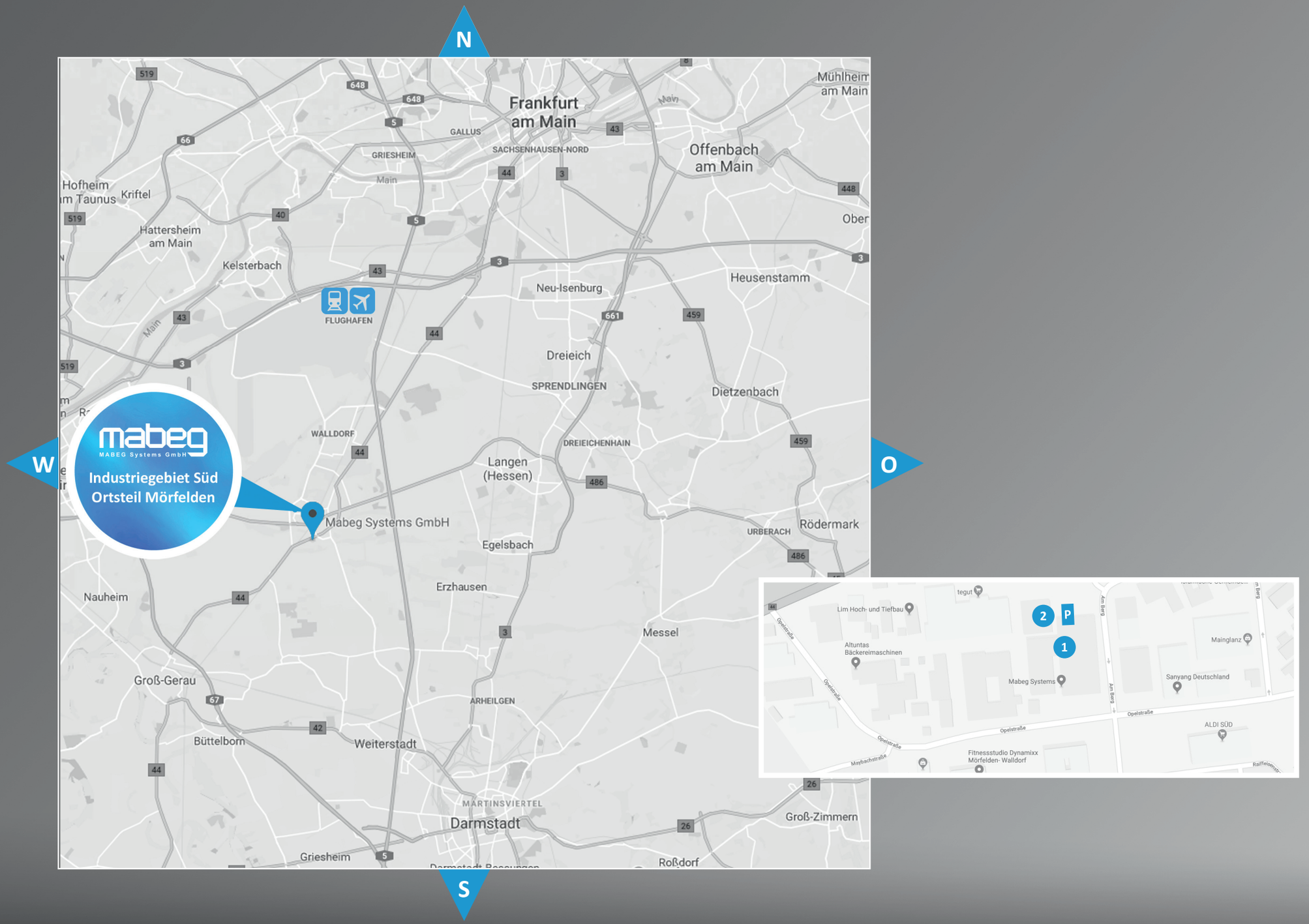
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Fitnessstudio Dynamixx Mörfelden- Walldorf
Opelstraße
Am Berg
Maybachstraße
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How to find us

Our company location Mörfelden-Walldorf / Germany (industrial area South / district Mörfelden) is located near Frankfurt am Main in the immediate vicinity of Frankfurt International Airport.

You will reach us

- via the A5, exit Langen / Mörfelden
- via the A67 from the north, exit Rüsselsheim Ost
- via the A67 from the south, exit Groß Gerau

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