

RAPID D1

RAPID A

High-Precision Slitter Rewinder for Converting Paper, Board and Other Materials

Technical papers » Cigarette, tipping, filter, tea bag and straw papers
Sensitive and delicate paper

Board » Fluting and test liners » Kraft and standard paper

Flexible packaging materials » Special materials



CONVERTING
IDEAS

GOEBEL  **IMS**
A BRAND OF IMSTECHNOLOGIES

170
1851
2021
PIONEERING
YEARS

RAPID D1

RAPID A

The RAPID D1 slitter rewinder features a unique slitting concept which guarantees a perfect roll separation even with extremely narrow slits (down to 5mm). The RAPID represents a long-lasting success story: more than 2500 machines have already been installed for very different applications all over the world, processing a wide variety of materials such as standard and special papers, board and packaging materials.

The RAPID D1 can process materials up to 2000 mm wide, with weights between 10 g /m² and 350 g /m². Production speeds up to 1000 m/min are possible.

THE RIGHT SOLUTION FOR ANY REQUIREMENT

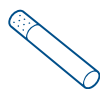
The standard RAPID D1 can be customized with a range of accessories, including separate unwinder and automatic finished reels unloading to further increase its flexibility and productivity.

The RAPID A is the automatic version featuring a rewinder with a revolving turret layout for higher productivities and lower labor needs.

The unique Rapid layout allows quick change overs and fast format changes reducing significantly the machine down time.



PAPER &
BOARD



TOBACCO

HIGH PRODUCTIVITY, FLEXIBILITY AND PERFECT QUALITY EVEN FOR THE NARROWEST FINISHED ROLLS

- | | |
|--|---|
| » Working width up to 2000 mm | » Two rewind modes: contact and gap winding for sensitive materials |
| » Finished roll diameter up to 1000 mm | » Industry 4.0 technology |
| » Narrow slits down to 5 mm | » Choice of unwinders up to 1500 mm mother roll diameter |
| » Perfect separation of finished rolls | » Ergonomic machine concept and easy maintenance |
| » Print-to-cut accuracy of ± 0.15 mm | » Automatic reel unloading |



UNWINDING

- » Shaftless unwind unit
- » Different unwinding and loading systems
- » Full automatic web alignment

WEB PROCESSING

- » Web control for perfect print-to-cut accuracy of up to ± 0.15 mm
- » Dynamic dancer roller for consistent web tension
- » Spreader roller adjustable by motor
- » Clamping roller
- » Large wrap-around angle of bottom cutter shaft
- » Short web travel from the unwind unit to the winding station

OPERATION

- » User friendly operation
- » Visual monitoring of the print line
- » Two rewind modes: contact and gap winding for sensitive materials
- » Fully automatic tension and contact pressure control
- » User-adjustable curves for tension and contact pressure
- » IMS TECHNOLOGIES Industry 4.0 application

WINDING

- » Single-shaft winding station with centre drive for block winding
- » Excellent roll separation, even for narrow cuts
- » Fast reel closure and splicing
- » Manual, semi-automatic or fully-automated unloading of finished rolls
- » High quality of the finished rolls: mirror-like side, compactness

SLITTING

- » Circular knife shear cut with wrapped bottom cutter shaft
- » Perfect print-to-cut accuracy thanks to a high-resolution line scan camera and dynamic print line control
- » Highest slitting quality

THIS GIVES YOU A COMPETITIVE EDGE IN YOUR MARKET

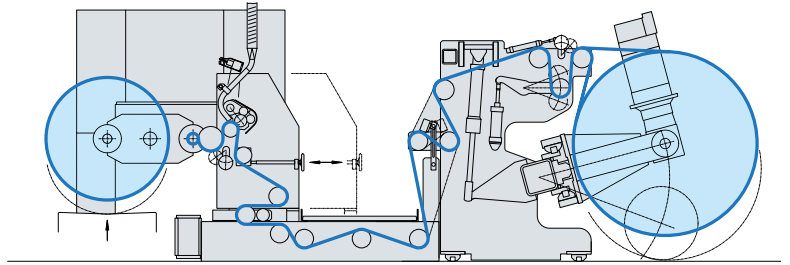
RAPID D1 not only stands for precision, a high degree of flexibility and an outstanding winding quality, but also for ergonomics and low-maintenance. The RAPID can slit a wide range of materials, allows narrow cuts as narrow as 5 mm and convert material weights between 10 g/m² and 350 g/m². Choose technology and expertise from GOEBEL IMS – with more than 11,000 machines

sold around the world. Contact us for a free consultation to get your most efficient, qualitative and profitable converting solution. Our technicians are available around the clock to provide worldwide support in multiple languages by remote assistance and with fast on-site service. A comprehensive range of spare parts and slitting accessories is available to you.

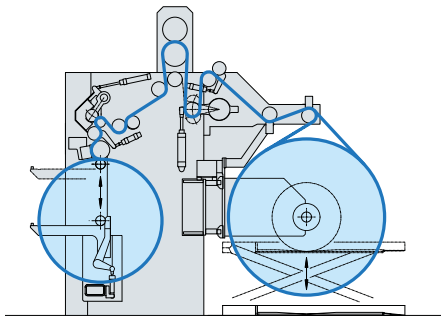
Technical data

» Working width up to:	2000 mm // 79"
» Unwind diameter up to:	1500 mm // 59"
» Rewind diameter up to:	1000 mm // 39"
» Speed up to:	1000 m/min // 3281 ft/min
» Min slitting width:	5 mm // 0,2"

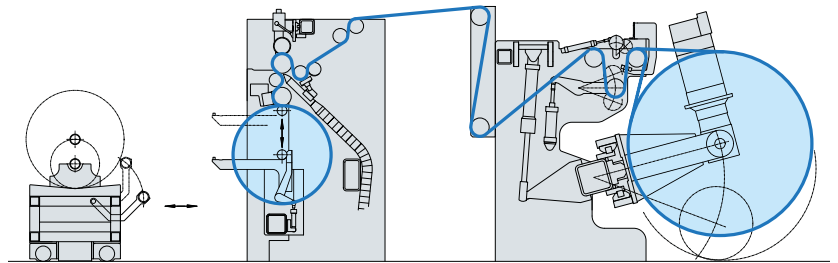
* Adjustments to individual requirements are possible.



RAPID D1 with partially-automated turret winder



RAPID D1 with integrated unwind unit



RAPID D1 with standard unwind unit

360° Service Philosophy



Choose technology and expertise from IMS TECHNOLOGIES, with more than 14,000 machines sold around the world. Ask about our solutions for efficiency, quality and profitability in a wide range of materials converting.

Industry 4.0



MAIA® is the Industrial IoT platform developed for IMS TECHNOLOGIES customers. Using advanced analytics and AI, this cloud-based platform allows to collect, monitor and analyze data from machines in real-time, to optimize operations, thus increasing efficiency and enhancing product quality.

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You can find more information about our wide range of machinery on our website.



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