

OPTISLIT

The **Slitter Rewinder** for Sensitive Papers

Coated » SD / Inkjet » Thermal » Photo » Art



CONVERTING
IDEAS

GOEBEL  **IMS**
A BRAND OF IMSTECHNOLOGIES

170
1851
2021
PIONEERING
YEARS

360° Service Philosophy

Choose technology and expertise from IMS TECHNOLOGIES, with more than 14,000 machines installed around the world.

Ask about our solutions for efficiency, quality and profitability in film converting.

IMS TECHNOLOGIES engineers are always available to promptly provide worldwide support in multiple languages by remote assistance or with fast on-site service.

An efficient stock management system allows us to supply spare parts worldwide with reduced delivery times.



Industry 4.0

MAIA® is the Industrial IoT platform developed for IMS TECHNOLOGIES customers. Cloud-based MAIA® enables users to collect data from machines and visualize them through easy to use as well as highly representative dashboards. Furthermore, stored data is analyzed to detect long-term trends and facilitate maintenance.

Using advanced analytics and AI, MAIA® provides customers with several suggestions about machine settings, allowing optimized operations, enhanced efficiency and product quality, as well as the ability to implement new business models.



Benefits:

- » Connect machines to a central management tool
- » Collect, monitor and analyze data in real-time
- » Gain insights to improve efficiency and profitability
- » Take advantage of apps and solutions able to solve real problems.

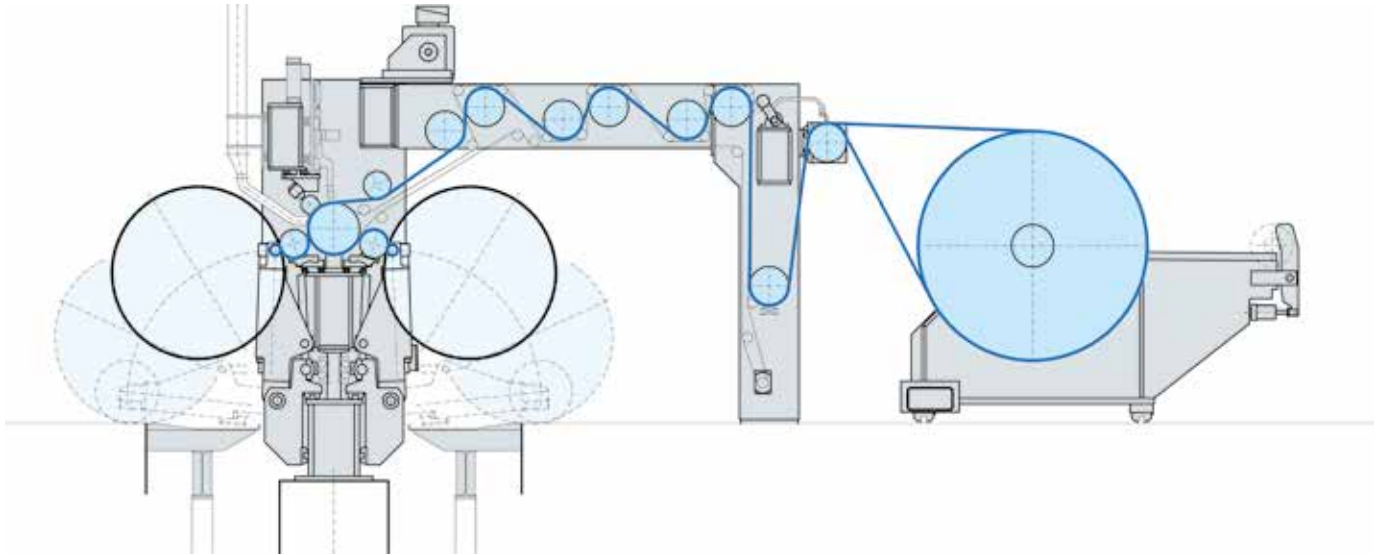


OPTISLIT

THE OPTIMAL SOLUTION FOR FLEXIBLE SPECIALTY PAPER CONVERTING

OPTISLIT is the ideal solution for converting delicate papers. The straightforward center winding system allows more precise settings for contact pressure and winding tension – finished reels of highest quality are guaranteed. The machine is suitable for manufacturing both narrow and wide finished reels through block winding on rewind shafts or

shaftless winding. Slitting units and winding stations feature a fully automatic positioning. OPTISLIT's individual rewinding stations enable the operator to produce different rewinding diameters within the same set of rolls, guaranteeing the highest possible flexibility.



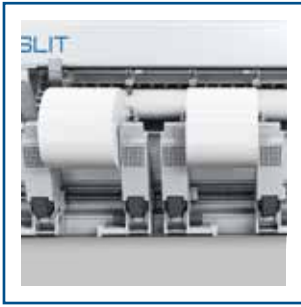
Technical data

» Working width up to:	6000 mm // 236"
» Rewind diameter up to:	1650 mm // 65"
» Speed up to:	2500 m/min // 8200 ft/min
» Minimum slitting width:	from 400 mm (shaftless) or 150 mm (block winding shaft)

PERFECT ROLL QUALITY, MAXIMUM PRODUCTIVITY, HIGHEST FLEXIBILITY

- » Gap winding and contact pressure
- » Brake generator with energy recovery for excellent energy efficiency
- » Center-driven rewind stations features precise web tension control and contact pressure
- » Unwinding unit for stock rolls on tambours or cores (shaftless)
- » Ergonomic splice table
- » Different rewinding diameters in the same run
- » Excellent slitting quality thanks to shear slitting system with wrapped bottom cutter shaft
- » Excellent roll separation, also for block winding
- » Precise web tension control via measuring roller
- » Web path accurately designed to achieve a precise web guiding preventing web oscillation and sliding
- » Automated web threading
- » Shaftless unwinder
- » Accurate pressure control of the contact rollers
- » Rollers layout ensures optimized control free of slippage





1
Individual rewinding stations



2
Idle lay-on rollers



3
Skewable roller



4
Driven rolls through reinforced belts or individual direct motors



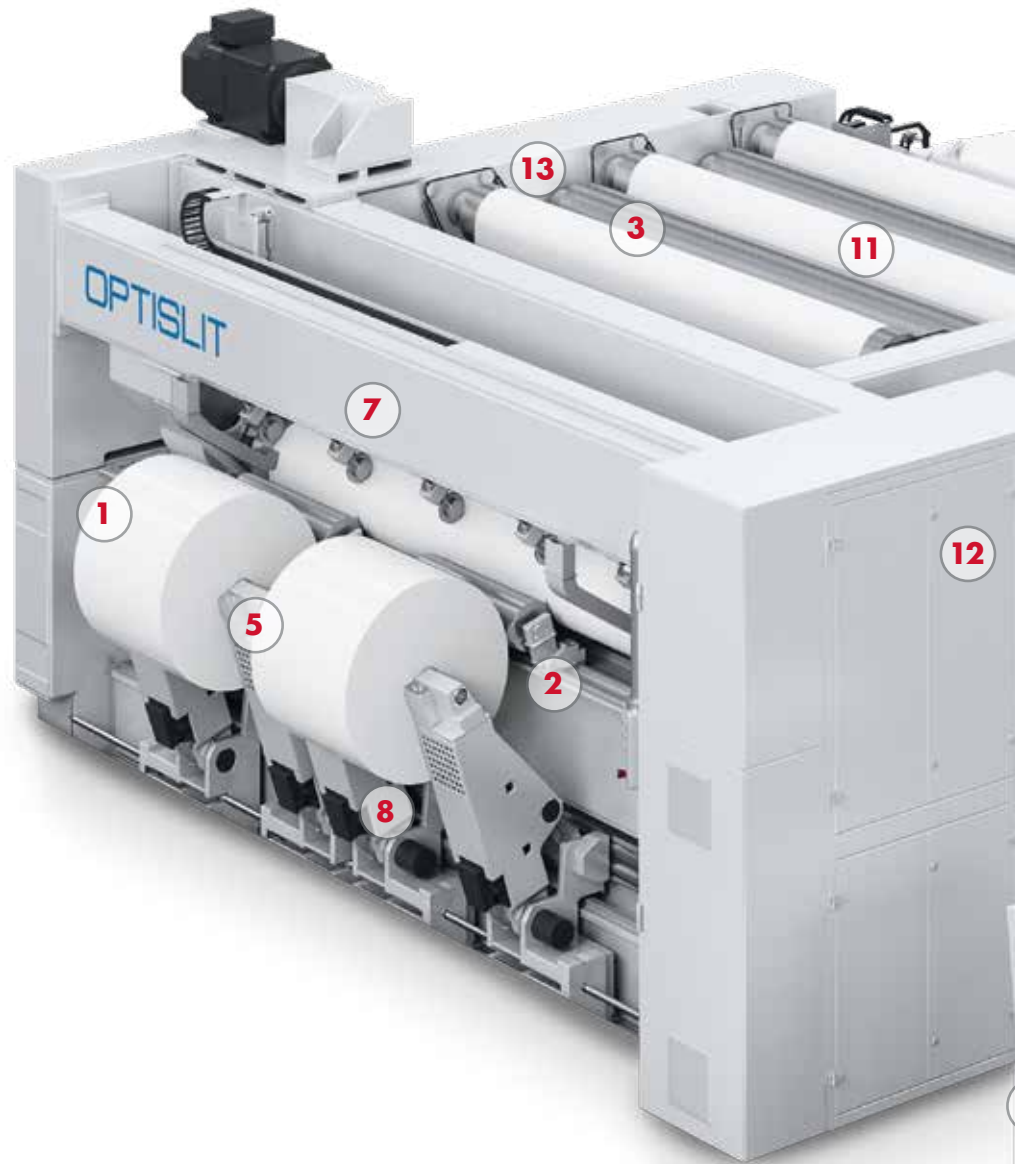
5
Large diameter rewinding



6
Industry 4.0 and operator friendly panel



7
Support for heavy reels rewinding





13
Automated web
threading



12
Automatic knife
positioning



11
Overhead web path



8
Reinforced rewinding
station



9
Shaftless unwinder



10
Tambour unwinder

Converting the future since 1851

1 Group | 3 Divisions | 4 Brands

www.imstechnologies.com

GOEBEL  **IMS**

www.goebel-ims.com

Slitter rewinders, automatic un-and winders and inspection machines for the **primary** and **converting** industries, able to process **film, paper** and board, **aseptic packaging, alufoil** and **nonwoven**

LAEM  **IMS**

www.laem-ims.com

Slitter rewinders (Compact, Twin-shaft, Station and Turret) and high automation machinery for **flexible packaging**, film, paper and coated materials

ROTOMAC

www.rotomac.it

Rewinding, embossing and **packaging** machinery for food wrapping in aluminium foil, film and baking paper

DELTAMOULD

www.deltamould.it

Low pressure, gravity and die-casting **moulds** for aluminium alloy components

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

