

RIBOSLIT SERIES

RIBOSLIT 2 – RIBOSLIT 4

Compact High Technology Slitter Rewinder for the Flexible Packaging Industry

Mono- and bi-oriented films » Laminates » Paper



CUTTING EDGE
TECHNOLOGY

LAEMOIMS
A BRAND OF IMSTECHNOLOGIES

RIBOSLIT SERIES: 3 configurations

THE RIBOSLIT SERIES IS AVAILABLE IN **STANDARD, PLUS AND DESIGN** CONFIGURATIONS.



RIBOSLIT STANDARD

- » Compact with inset main touch panel



RIBOSLIT PLUS

- » Highly ergonomic with the main touch panel on pivoting arm



RIBOSLIT DESIGN

- » Stylish, smart to use with a more advanced touch panel model on pivoting arm and with redesigned safety protections

EXCLUSIVE TECHNOLOGY

- » Sturdy monoblock free standing slitter with integrated electrical cabinet
- » Operator friendly setting and commands panel
- » Differential shaft with ring clutches offer the std. 70 mm (2,7"), 76 mm (3") and 152 mm (6") core sizes
- » Stiff reels extraction system
- » Razor blades and/or shear knives slitting system
- » Electro-mechanical reels lifting system
- » Full lay-flat rubberized lay-on rollers
- » Lean set up of the machine dramatically reduces downtimes
- » Easy and swift maintenance program saves costs

RIBOSLIT SERIES: 2 versions

A UNIQUE DESIGN, SYNTHESIS OF QUALITY, PERFORMANCE AND SAFETY

The RIBOSLIT Series is designed for film manufacturers and converters requiring minimum operating space and investments, but also high quality components.

With its innovative design, RIBOSLIT Series stands out in any plant. It is available in **dual shaft & turret version (RIBOSLIT 2 without turret and RIBOSLIT 4 with turret)** and will undoubtedly become an operator's favorite, since it's able to convert at 600 m/min most substrates.

The compact model features a shaftless unwinder in the machine body. Alternatively, it's possible to separate the unwinder with a footwalk, in order to include a wide and ergonomic splicing table.

As an upgrade, the consolidated "Comfort Kit" can be added to improve the accessibility to the slitting section, while maintaining the compact configuration.

MAIN FEATURES

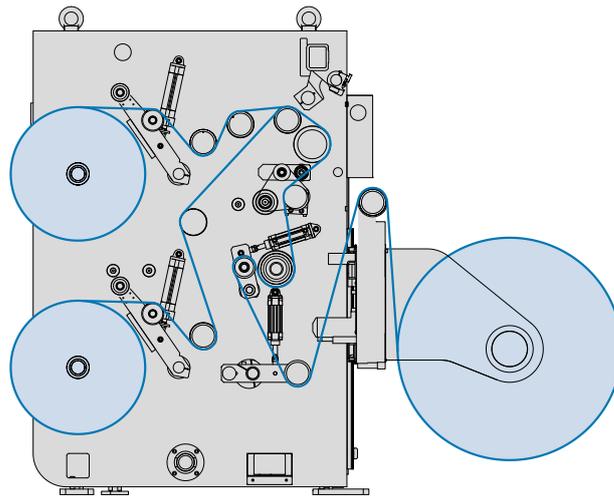
- » Compact and robust design, minimizing the footprint requirements
- » Dual shaft & turret version (RIBOSLIT 2 without turret and RIBOSLIT 4 with turret)
- » Mother reel web width up to 1800 mm
- » Rewinding diameter up to 600 mm
- » Higher speed, width and diameter available in custom configuration
- » Dual slitting method – razor blades and circular knives
- » Full compliance with the strictest safety standards
- » Oil free design
- » Automatic transversal cutting of finished reels (RIBOSLIT 4 version)

SPECIAL FEATURES & OPTIONS

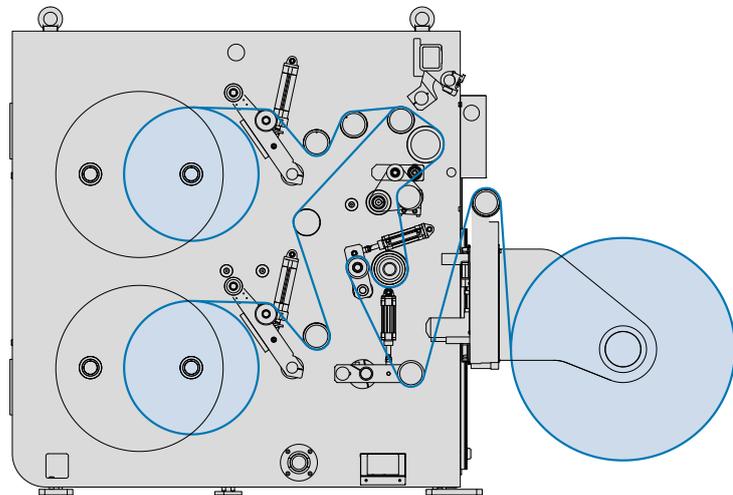
- » Comfort kit for the slitting assembly
- » Separate shaftless unwinder with ergonomic splicing table
- » Servo driven reels extractor
- » Several unloading devices of the SC series



FLEXIBLE
PACKAGING



RIBOSLIT 2



RIBOSLIT 4

Technical data RIBOSLIT 2 - RIBOSLIT 4

» Mother reel web width up to:	1800 mm // 71"
» Mother reel diameter:	Max. 1000 mm // 39.4" Min. 450 mm // 17.7" (automatic lifting)
» Maximum diameter of finished reels:	600 mm // 23.6"
» Speed up to:	600 m/min // 1.968,5 ft/min
» Minimum slitting width:	80 mm // 3.2" for 6" shafts 40 mm // 1.6" for 3" shafts
» Web direction:	Right-side or Left-side



1
User-friendly HMI with push buttons, it features a Pivoting console that houses a Siemens color operator touch panel to perform the main machine functions.



2
Manual laser
core alignment



3
Closed loop tension control and lay-on pressure control



7
Black background display, to ensure maximum readability



8
Reel pushing system from top: safe and clean rack and linear guides



9
Choice of various off-loading tools, up to servo-driven systems with multiple rotational axes



10
Safe unwinder controls on bracket-mount



UNIQUE FEATURES



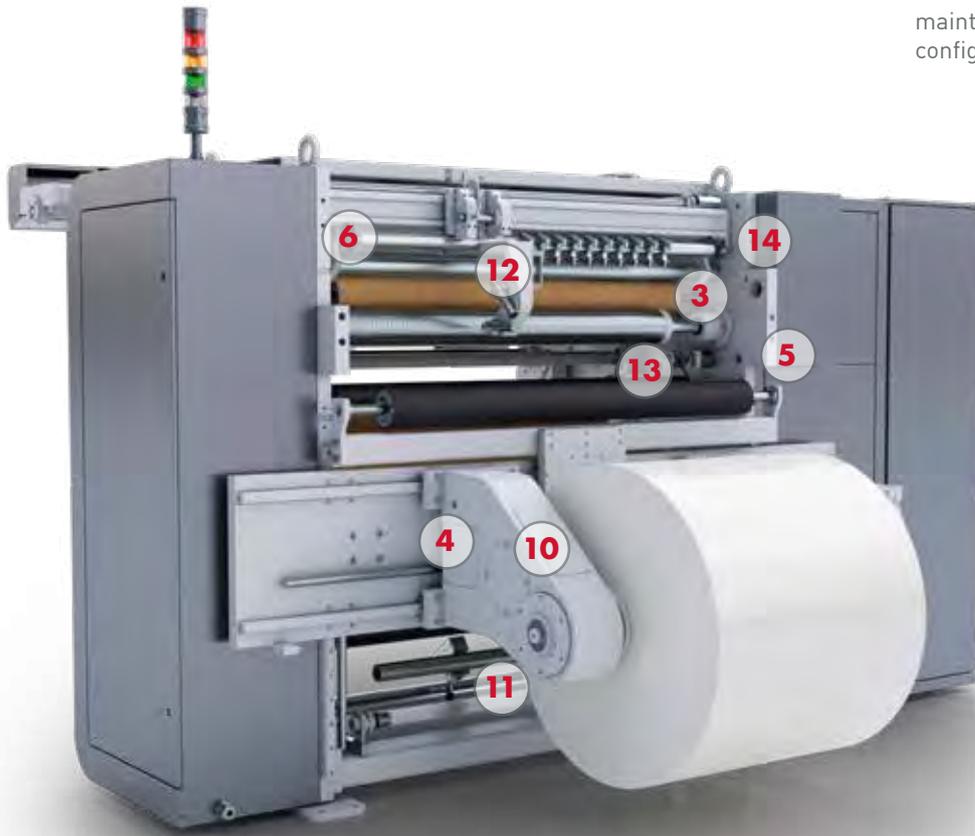
4
Electro-pneumatic drives
for the unwinder brackets



5
Blade oscillation function
for razors slitting



6
Comfort kit can be added
to improve the accessibility
to the slitting section, while
maintaining the compact
configuration.



11
Electro-pneumatic drive for
the reel lifting function



12
MTS bar for knives
positioning aid



13
Pull roll with nip roll



14
Dancer roller for full
automatic tension control
on unwinder



IMSTECHNOLOGIES

CONVERTING THE FUTURE SINCE 1851

1 Group

4 Divisions

6 Brands

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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**, **aluminum foil** 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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