

# RB SERIES

RB 2 - RB 4

**Converting** has never been  
so **easy**

Mono- and bi-oriented films » Laminates » Paper



CUTTING EDGE  
TECHNOLOGY

**LAEMOIMS**  
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175  
1851  
2021  
PIONEERING  
YEARS

# RB 2: easy slitter

## INNOVATION AND EASY USE

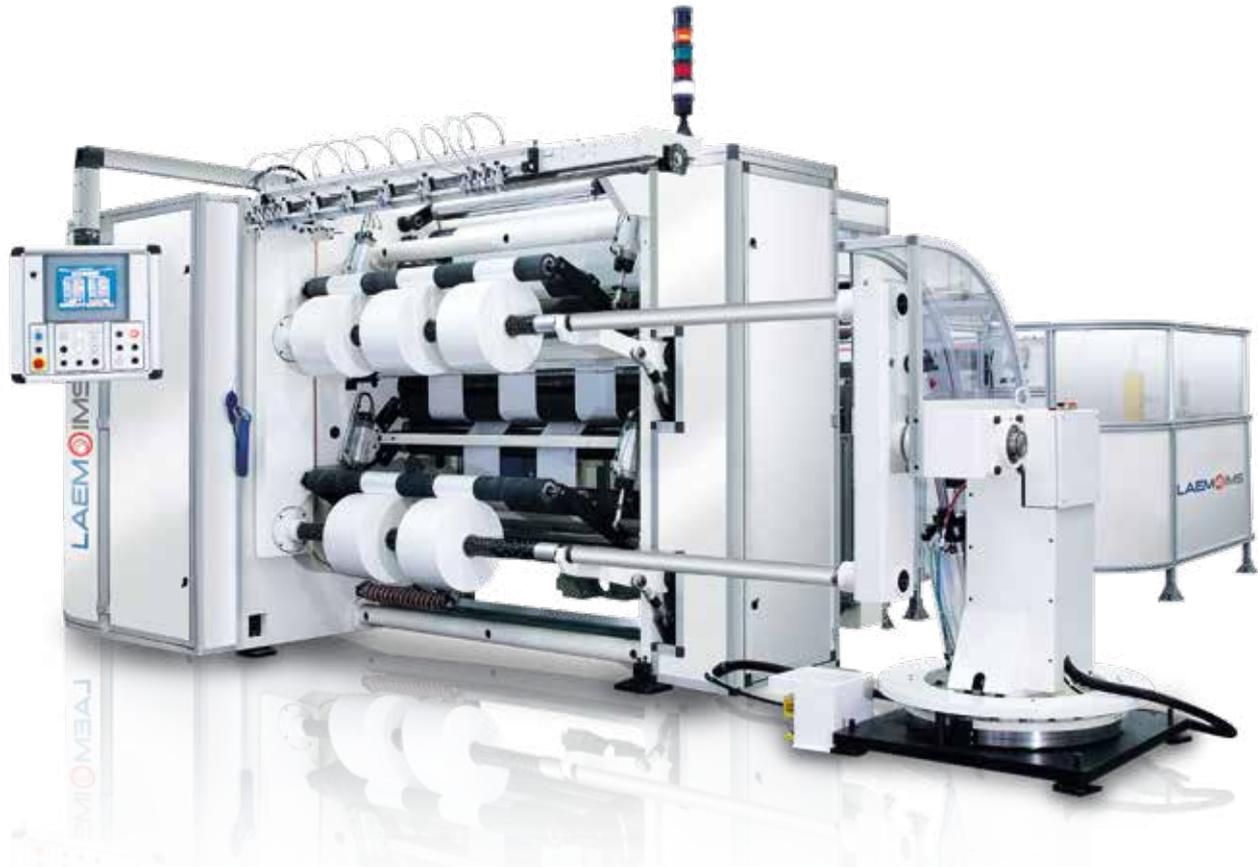
Thanks to their wide range of accessories and the great versatility of configurations, the RB 2 slitter-rewinders are designed to meet the production requirements of the converting industry.

The centre driven winding technology with the most advanced differential shafts allows producing very narrow

reels (down to 40 mm) with consistent tension and hardness throughout the width. The dual slitting method - razor blades and circular knives - enables processing almost all web materials, with variable thicknesses from 10 to 150 µm in its standard configuration, and web widths up to 1800 mm.

## SPECIAL FEATURES & OPTIONS

- » Integrated electrical cabinet
- » Shaftless unwinder predisposed for retractable vacuum splicing table
- » Pick up of mother roll from pallet or from the ground
- » Customized slitting system, with razor blades or circular knives
- » Differential friction shafts for rewinding on 3" and 6" cores



### SHAFTLESS UNWINDER

The shaftless unwinder picks up the mother reel from the ground or from the pallet, handling cores 76 mm (3") or 152 mm (6").



### OPERATOR FRIENDLY TECHNOLOGY

The new RB series features a Pivoting console that houses a Siemens color operator touch panel to perform the main machine functions. The newly redesigned software is extremely intuitive for the operator.



### SLITTING GROUP

The slitting stations can be set manually, with assistance of lateral display or with fully automatic positioning.

# RB 4: fast slitter

## EVOLVING TECHNOLOGY

This centre-driven slitter rewinder is designed for film manufacturers and converters who need to produce several finished reels of relatively small diameters. The RB 4 drastically reduces the cycle downtime of a dual shaft machine by limiting change-over time

and setting a productive rhythm to the operators. The standard configuration uses one motor driving both rewinding shafts.

Two rewinding motors can be installed, for the independent control of upper and lower shafts.

## SPECIAL FEATURES & OPTIONS

- » Full web lay on rollers, covered with high quality rubber surface
- » Load cells for web tension and diameter control
- » Automatic cross cut of finished reels after turret rotation
- » Laser beams for quick core positioning
- » Operator friendly software, for easy set up of the machine



### AUTOMATIC CHANGE-OVER

4 rewinding friction shafts to reduce the downtimes. The automatic changeover allows a non stop production.



### EXTRACTING AND UNLOADING

The roll unloading system has been developed to achieve the highest performance in combination with the manual dual shaft unloading devices (SC 10 / SC 20).



### INTEGRATION

The machine is predisposed to accept several integrations, such as macroperforator, embossing unit, inspection devices, etc.

# RB SERIES

## HIGH PERFORMING SLITTERS

Technical specifications	RB 2	RB 4
» Mother reel web width up to:	1800 mm // 71"	1800 mm // 71"
» Mother reel diameter:	Max. 1270 mm // 50" Min. 450 mm // 17.7" (automatic lifting)	Max. 1270 mm // 50" Min. 450 mm // 17.7" (automatic lifting)
» Mother reel weight up to:	2000 kg	2000 kg
» Maximum diameter of finished reels:	800 mm // 31.5" (Twin Shaft)	600 mm // 23.6" (Turret)
» Minimum slitting width:	80 mm // 3.2" for 6" shafts 40 mm // 1.6" for 3 shafts	80 mm // 3.2" for 6" shafts 40 mm // 1.6" for 3 shafts
» Speed up to:	800 m/min // 1.968,5 ft/min	800 m/min // 1.968,5 ft/min
» Web direction:	Right-side or Left-side	Right-side or Left-side

## Systems and technologies



Dual-shaft system



Turret system



Automatic change

## 360° Service Philosophy



Choose technology and expertise from IMS TECHNOLOGIES, with more than 14000 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.

### Italy

#### IMS TECHNOLOGIES S.p.A.

**Headquarters & Operations 1**  
Via Cav. Beretta, 25  
24050 Calcinatè (BG)  
Tel.: +39 035 83 55 111

#### Operations 2

Via Comonte, 10  
24068 Seriate (BG)  
Tel. +39 035 4376373

#### Operations 3

Via G. Brodolini, 42/44  
15033 Casale Monferrato (AL)  
Tel. : +39 0142 45 57 19

### Germany

#### GOEBEL Schneid- und Wickelssysteme GmbH

Europaplatz, 4  
D-64293 Darmstadt  
Tel. +49 6151 888 1

### USA

#### IMS TECHNOLOGIES Inc.

5 Commerce Way, Unit 150  
Hamilton, NJ 08691, USA  
Tel.: +1 973 287-7569

### China

#### Beijing GOEBEL Slitting Technologies Co., Ltd

Room 311, Building 1, Bright ChangAn BLD,  
No.7 JianGuoMenNei Street, 100005,  
Beijing/P.R.China  
Tel.: +86 10 6518 8535

[www.laem-ims.com](http://www.laem-ims.com)



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Block & Mohr GmbH, Lindenstrasse 5, 49479 Ibbenbueren / Germany  
T +49 5451 8979-0 · Fax +49 5451 8979-79 · [info@block-mohr.com](mailto:info@block-mohr.com) · [www.block-mohr.com](http://www.block-mohr.com)