

# OPTIWIND

## The **Two-Drum Winder** for Paper and Board

General purpose papers and paperboards » Packaging papers & paperboards  
Straw papers » Tea-bag papers » Filter papers » Specialty papers



CONVERTING  
IDEAS

**GOEBEL**  **IMS**  
A BRAND OF IMSTECHNOLOGIES

**170**  
1851  
2021  
PIONEERING  
YEARS

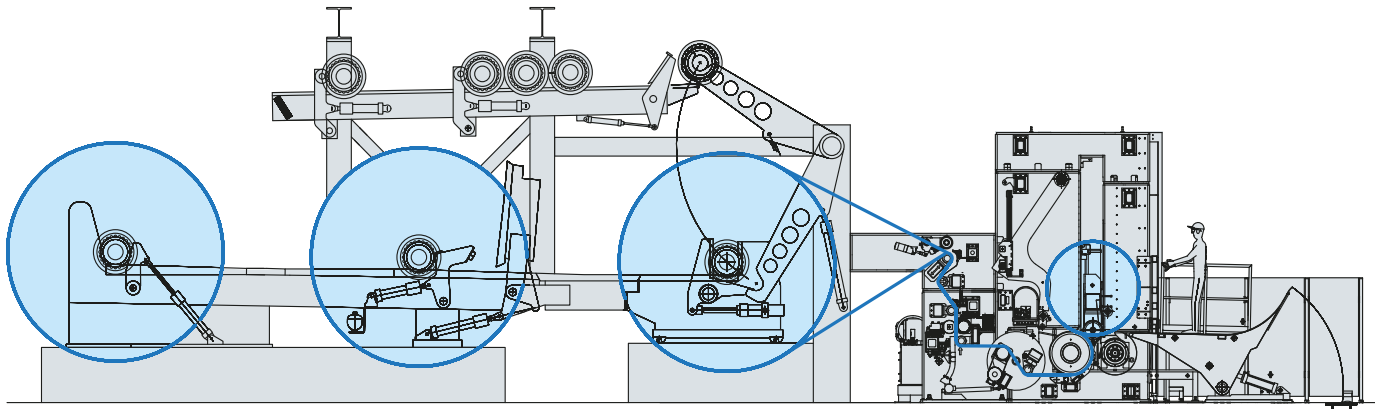
# OPTIWIND

## THE FULLY AUTOMATIC TWO-DRUM WINDER FOR PAPER MILLS & CONVERTERS

The OPTIWIND is a high working speed and efficient surface winder. The two drums and the rider roller are individually motorized. The rider roller moves linearly with adjustable contact pressure to achieve outstanding quality of the finished reels, unloaded to the floor by a pivoting cradle.

### Technical data

- » Working width up to: 7000 mm // 276"
- » Rewind diameter up to: 2200 mm // 87"
- » Speed up to: 2500 m/min // 8200 ft/min
- » Min slitting width: 70 mm // 2 ¾"



## THE OPTIWIND CAN BE EQUIPPED WITH DIFFERENT OPTIONS:

- » Customized splice table
- » Automatic knife positioning
- » Automatic core loading
- » Automatic start with material glueing
- » Automatic reel taping

## HIGH FLEXIBILITY AND ACCURACY

- » Surface winding
- » Unwinder for pope (tambour) or shaftless unwinder for paperboard cores
- » Optional bottom-knife unit with individual motors
- » Automatic cross cutting device
- » Optional automatic core loading and glueing for auto restart
- » Independent drives for the unwinder, the two drums and the rider roller, respectively
- » Shaftless winding with centering chucks
- » Automatic speed reduction in case of vibration
- » Automatic reels unloading with specific solutions for narrow reels
- » Mother rolls and empty tambours storage





**4**  
Overhead web path



**5**  
Segmented  
spreader roller



**6**  
Automatic knife  
positioning



**7**  
Taping or gluing for automatic  
closing of the reels



**3**  
Automated web threading



**2**  
Splice table (different  
options available)

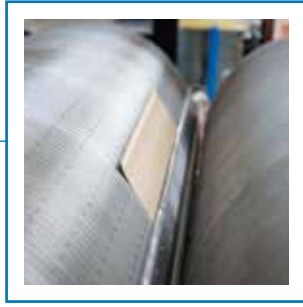


**1**  
Shaftless unwinder  
(tambour execution  
available)





**8**  
Material cross cut



Vacuum drum



**9**  
Linear rider roller



**10**  
Automatic reels unloading with specific solution for narrow reels



**11**  
Automatic core positioning



**12**  
Automatic core loading and glueing



**13**  
Industry 4.0 and operator friendly panel

## 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 converting a wide range of materials.

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 are analyzed to detect long-term trends and facilitate maintenance.

Using advanced analytics and AI, MAIA® provides customers with several suggestions about machine settings, thus allowing to optimize operations, enhance efficiency and product quality, as well as deploy 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.



**GOEBEL**  **IMS**

[www.goebel-ims.com](http://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](http://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](http://www.rotomac.it)

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

**DELTAMOULD**

[www.deltamould.it](http://www.deltamould.it)

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

 **deltamatic**

[www.deltamatic.com](http://www.deltamatic.com)

Customized thermoforming lines for **automotive** interior trims

 **KASPER**

[www.imstechnologies.com/kasper](http://www.imstechnologies.com/kasper)

Turning & boring solutions and precision dimensional control systems for **automotive** metal components

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

