

# OPTIMA Z

## The **Slitter Rewinder** for the Cigarette Paper Industry

Cigarette papers » Tipping papers » Plug-wrap papers



CONVERTING  
IDEAS

**GOEBELOIMS**  
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170  
1851  
2021  
PIONEERING  
YEARS

## OPTIMA Z

GOEBEL IMS is the first-tier supplier for slitter rewinder and the closest partner to the cigarette paper industry. Leading manufacturers for cigarette, tipping or plug-wrap papers rely on the technology of the OPTIMA Z.

The OPTIMA Z is a slitter rewinder of the latest generation and is ideal for producing narrow bobbins. The highest quality demands of the tobacco industry are met with its specifically developed slitting system as well as the sensitive control of contact pressure and winding tension. Different handling and conveyor systems ensure great convenience in transporting finished bobbins, thus boosting productivity.



### MAXIMUM MACHINE AVAILABILITY, PRECISE SLITTING AND BOBBIN QUALITY AS WELL AS EXCELLENT SEPARATION

- » Optimum hardness, flatness and roll face
- » Minimum slitting width of 16 mm
- » Optional automatic web infeed
- » Electronic control of contact pressure and web tension
- » Continuous slitting process, even if individual paper strips tear off
- » Automatic closing of bobbins with hot-melt glue
- » Handling of bobbins with swivel-mounted rewinding shaft and transport trolley
- » Device for packaging of bobbins can be integrated at customer's request
- » Optional integration of a robot for stacking bobbins on pallets
- » Drive system with energy recovery function



#### UNWINDING

- » Shaftless unwind unit
- » Loading of stock reels by means of lifting arms directly from the floor

#### WEB PATH

- » Adjustable web tension and contact pressure
- » Ultra-light dancer roller for consistent web tension, even for non-circular stock reels
- » Spreader rollers for wrinkle-free web travel and for optimum web tension
- » Walking platform for ergonomic access to the machine

#### OPERATION

- » One-man operation
- » Operating panels close to the machine
- » Intuitive operator interface
- » Recording of winding parameters
- » Industry 4.0 interface

#### UNLOADING

- » Automatic closing of bobbins with hot-melt glue at customer's request
- » Machine-aided infeed of wrapping paper
- » Automated unloading trolley with tilting or vibration function
- » Stacking of finished bobbins on pallets through an integrated robot system

#### SLITTING AND WINDING

- » Superior quality thanks to short web travel between the slitting and rewinding units
- » Excellent separation of bobbins
- » Circular knife cutting with wraparound bottom cutter shaft
- » Ergonomic splice table

# INNOVATIONS SECURE THE LEAD

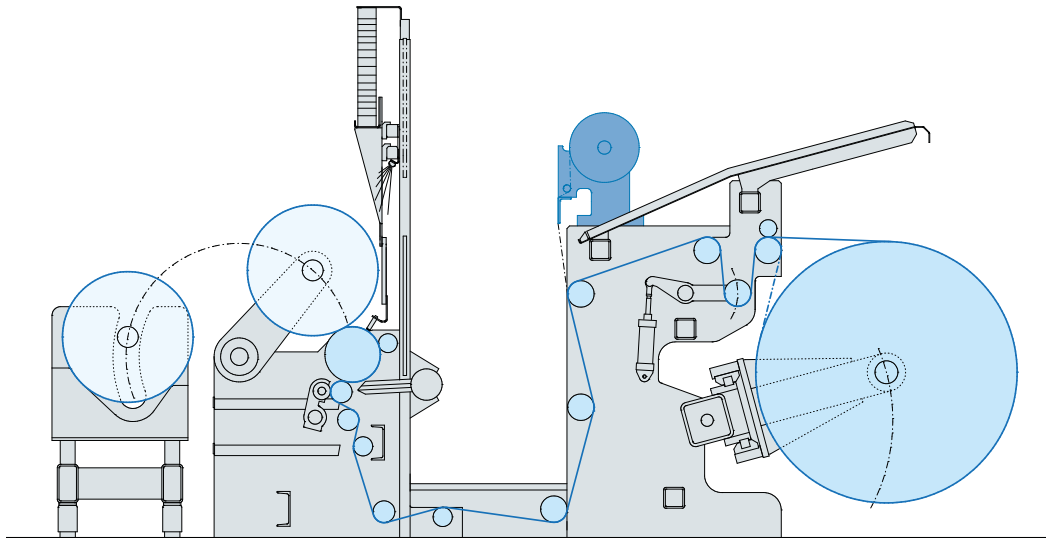
GOEBEL IMS has a long standing experience in the development of machines for the cigarette paper industry.

Through the use of the latest technologies, the OPTIMA Z meets the highest quality requirements. The design of the slitting and winding elements ensures that the finished rolls are of excellent quality – an essential requirement for their use in the fastest manufacturing machinery for cigarettes today.

The machine is delivered in various sizes, which differ in their maximum operating speeds and the productivity of the systems. The machines are available with devices for the manual unloading of bobbins up to versions for fully-automated unloading and palletising.

## Technical data

» Working width up to:	2000 mm // 80"
» Rewind diameter up to:	900 mm // 35"
» Speed up to:	1500 m/min // 5000 ft/min



## 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 converting the widest range of materials.

## 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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