

DOC SERIES

## Inspection Rewinder for Different Materials and Sizes

Papers and paperboards (uncoated or coated) » Laminates and complex materials »  
Thin delicate papers



CONVERTING  
IDEAS

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

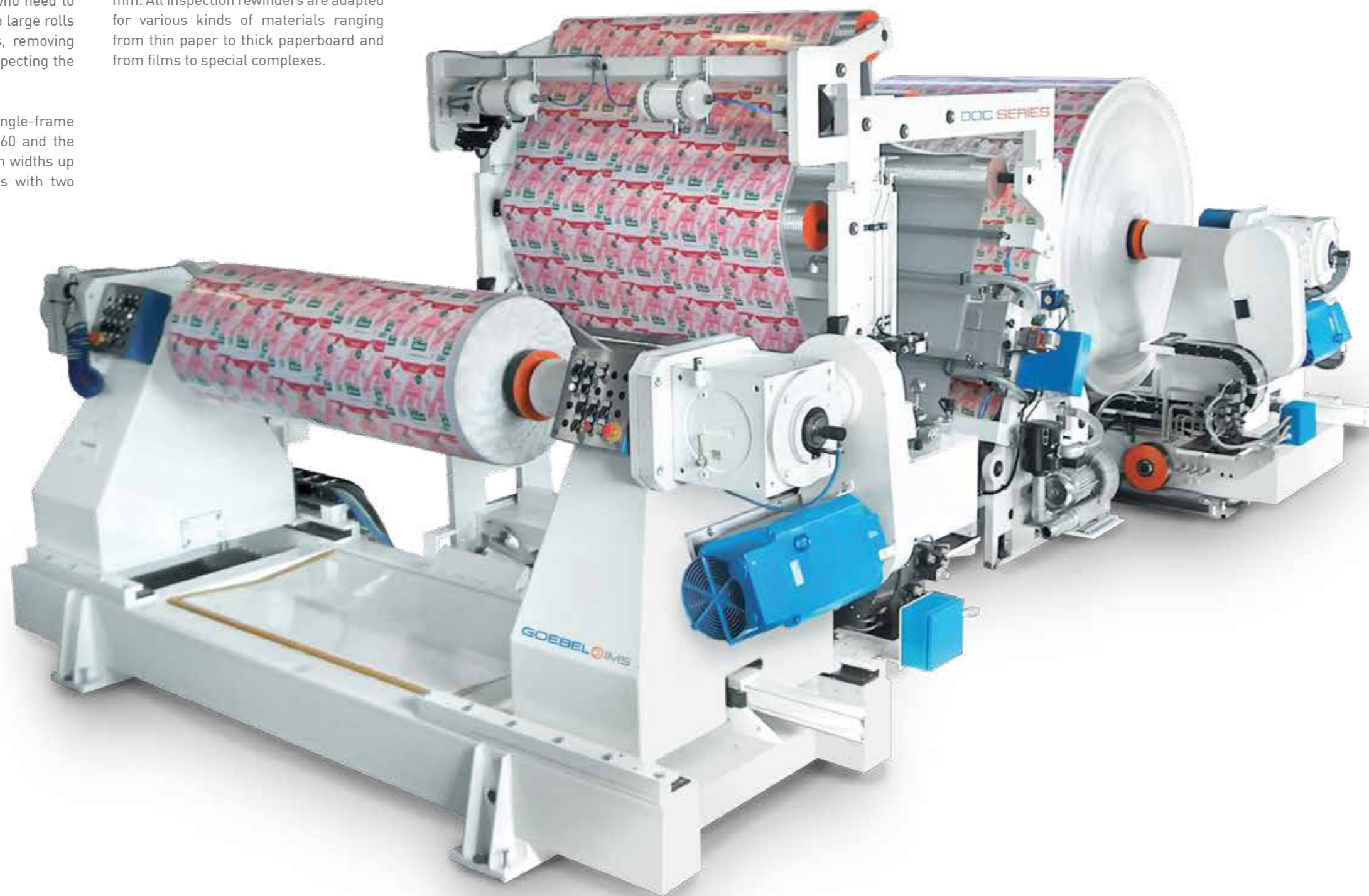
**170** 1851  
2021  
PIONEERING  
YEARS

## DOC SERIES

The inspection rewinders and salvage rewinders of the DOC series, ranging from the small DOC 60 machine up to the large DOC 200 inspection rewinder, offer the best solution for converters who need to repair damaged rolls, build up large rolls starting from small leftovers, removing scrap from rolls or simply inspecting the quality of their rolls.

The series comprises small single-frame machines, such as the DOC 60 and the DOC 120, for narrow rolls with widths up to 600 mm. Larger machines with two

frames for wide webs and large diameters are the DOC 150 or the DOC 200. The latter machine reaches a diameter of 2000 mm and a web width of up to 2500 mm. All inspection rewinders are adapted for various kinds of materials ranging from thin paper to thick paperboard and from films to special complexes.



## WEB PATH

- » Overhead web path or compact execution
- » Second edge-guiding system optional for extremely precise control
- » Intermediate pull unit for delicate or slippery materials available at customer's request

## OPERATION

- » Swinging operator panel for maximum operator friendliness
- » Customized splice table available

## HIGH PRODUCTIVITY, BEST PRICE-PERFORMANCE RATIO AND MODULAR CONFIGURATION

- » Trimming and / or slitting unit is available as an option on all machines
- » Centre driven winding / unwinding with or without lay-on roller on cantilever expandable shaft for the smaller machines (DOC 60 // DOC 120) or shaftless for the larger models (DOC 150 // DOC 200)
- » Reverse winding and bi-directional unwinding is available on all models

The ranges refer to the smallest and the largest machine in the series.

## DOWNSTREAM AUTOMATION

- » Unloading of the wound roll to the floor with lifting table or swinging arms

## SLITTING

- » Trimming or slitting unit available on all models

## WINDING

- » Centre driven winding concept
- » A.C. winding/unwinding motor driven by vectorial inverter connected in a net with one another for energy saving

## UNWINDING

- » Loading from the floor with lift table or swinging arms
- » Braking / driving system (A.C. motors)
- » Pneumatic brake for emergency stops
- » Edge-guiding system
- » Cantilevered unwinder on the narrow machines



## Technical data

» Working width up to:	3000 mm // 118"
» Rewind diameter up to:	2000 mm // 80"
» Speed up to:	1200 m/min // 4000 ft/min



PAPER &  
BOARD



ASEPTIC  
PACKAGING



FLEXIBLE  
PACKAGING



TOBACCO



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



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