

AP SERIES

The Automatic Non-Stop Winder for Printing, Coating, Lamination or Any Continuous Process

Coated, uncoated papers and paperboard » Aseptic liquid food packaging



CONVERTING
IDEAS

GOEBEL  **IMS**
A BRAND OF IMSTECHNOLOGIES

170
1851
2021
PIONEERING
YEARS

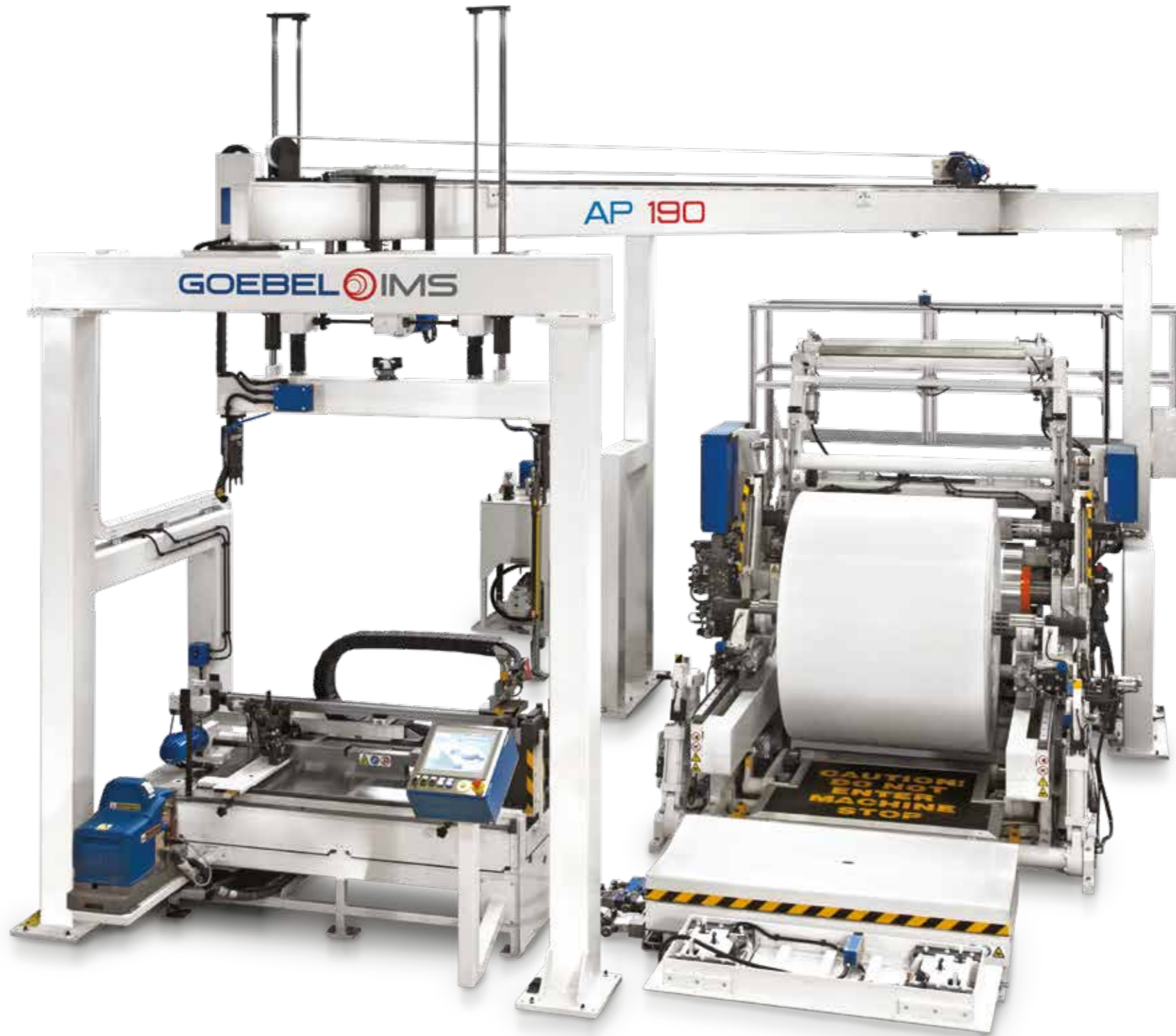
AP 190

AP 220

The automatic reelers of AP SERIES meet the expectations of the most demanding manufacturers and offer the highest reliability available in the market. More than 250 machines of the AP series have been installed for applications in different converting industries which turn these winders into one of the most popular machines in GOEBEL IMS' product range.

The series comprises standard machines for working width from 1000 to 2500 mm. Different working widths or rewind diameters can be delivered on customer's request.

All machines of AP series can be used for winding up to three separate rolls when equipped with a proper slitting and web separating unit. Additional features include a fully automatic shaft handling unit, a core storage and a roll unloading system, thus ensuring a completely automatic operation where no action is required from the operator.



HIGH RELIABILITY WITH GUARANTEED 99.9 % FAULTLESS SPLICES

» Full speed non-stop splice up to 800 m/min	» Pneumatic braking system for the wound roll after splicing-out
» Roll weight up to 8000 kg	» Automatic unloading system for finished rolls and shaft handling
» Optional slitting + trimming	» Automatic core feeding onto the shaft and core gluing
» Surface-driven winding concept on an idle expandable shaft	» Automatic closure of the last layer and automatic removal of the finished rolls
» Special plow-knife web cutting system for ensuring perfect clean cut and smooth splice sequences	» Foodgrade design

OPERATION

- » Operator panel directly on the winder frame

SLITTING

- » Unit for web-tension control at the winder inlet
- » Optional slitting unit with dedicated equipment
- » Trim suction unit at customer's request

DOWNSTREAM AUTOMATION

- » Synchro-braking roller
- » Automatic shaft extraction
- » Core loading onto the new shaft
- » Core gluing
- » Shaft reloading into the machine
- » Automatic roll unloading to the floor or to a conveyor for roll removal
- » Automatic inflating and deflating of the winding shafts
- » Floor flaps to safely unload and stop the finished roll

NON-STOP PROCESS

- » Full speed splicing with automatic plow knife
- » 99.9% splice reliability

WINDING

- » Surface winding concept with idle expandable shaft
- » A.C. winding motor and new shaft speeding-up motor driven by vectorial inverter

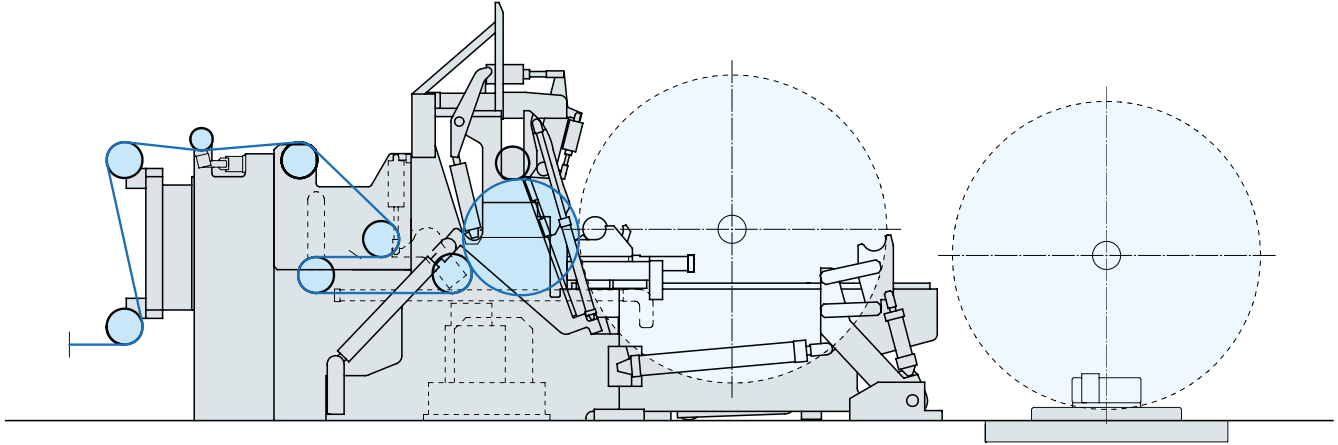
INCREASE YOUR QUALITY AND RELIABILITY

The automatic reelers of the AP series can wind a large variety of coated or uncoated papers and paperboards in a reliable and highly efficient manner.

The ergonomic and extremely flexible machine design allows customizations according to specific requirements and therefore offers the best cost-effective converting solution.

Technical data

» Working width up to:	2500 mm // 100"
» Rewind diameter up to:	2200 mm // 87"
» Speed up to:	800 m/min // 2620 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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You can find more information about our wide range of machinery on our website.



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