



POPE REEL

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 **DE IULIIS C.&A.**
PAPER MACHINERY

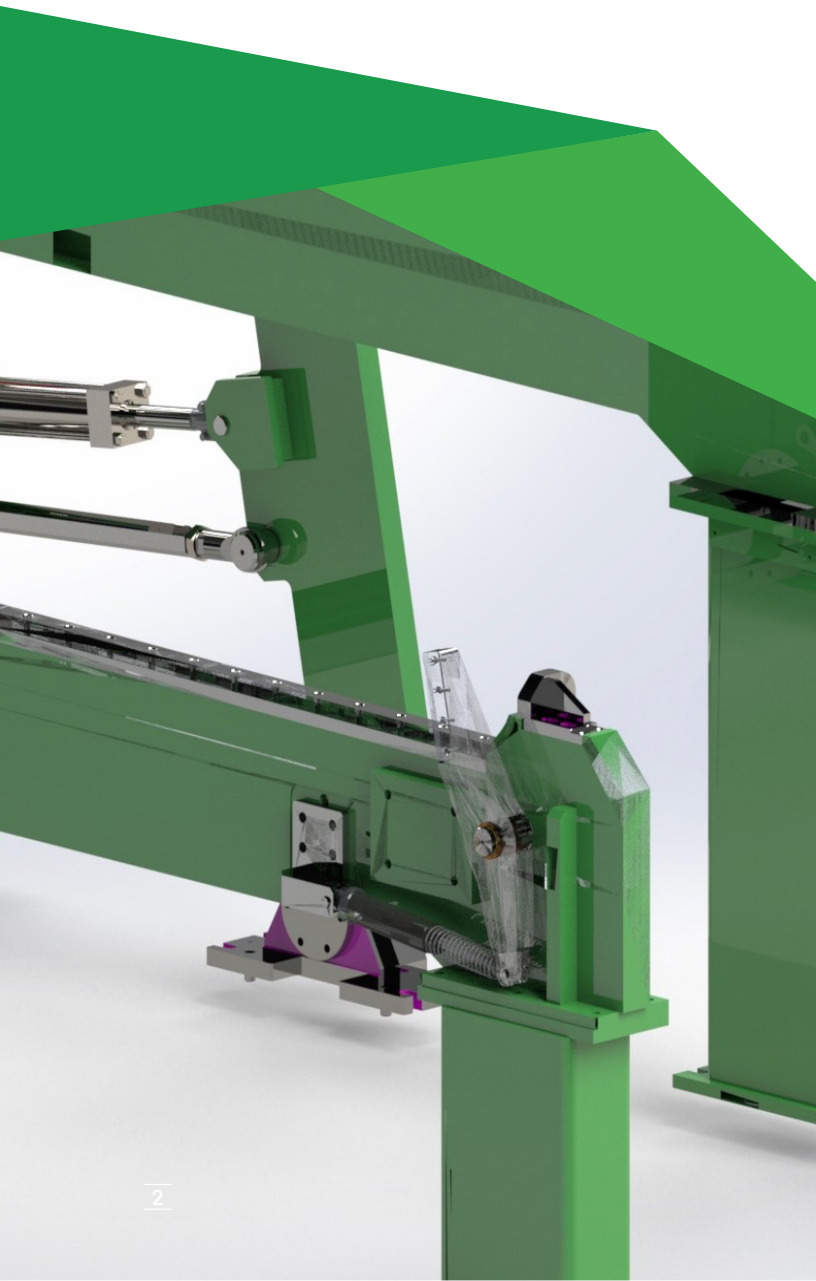
POPE REEL

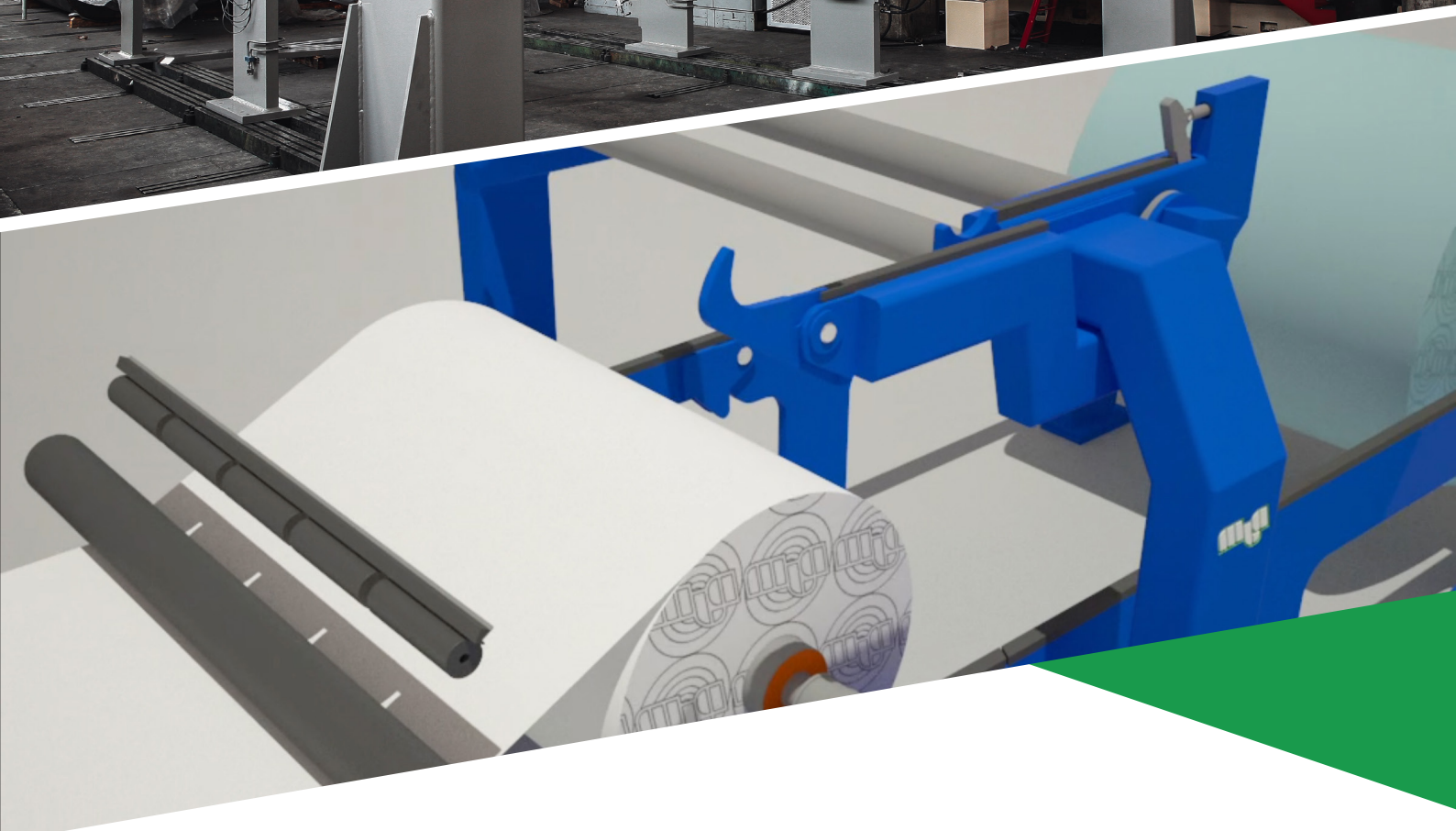
- Max reel diameter : 3500 mm
- Max width : 6000 mm
- Max speed : 1200 m/min

AR Series

AR series pope reels are designed to guarantee the maximum wrapping performance for any grade of paper.

The machine, customized according to the customer's grade of paper, is equipped with weigh station and pneumatic or hydraulic parent roll brake system. Spools storage, with gravity or hydraulic movement and automatic primary arms loading can be also supplied.





Light and special paper

For the correct winding of light papers (less than 50 gsm) the reels of the AR series are equipped with axial electric winders, to guarantee uniform tension during the wrapping and avoid paper slippage and wrinkling problems.

Grooved surface of the reel drum allows to wind without defects even coated and siliconized papers too.

Option

Parent rolls and empty spools transfer :

The pope reel can be also integrated with a parent rolls and empty spools transfer that allows to handle them without overhead crane, reaching a fully automated production line from the paper machine to the rewinder.

Parent roll automated change :

it is possible to install parent roll automated change to minimize paper waste and speed up the roll change operation.

FastUnloading Series

The FastUnloading pope reel series is design specifically to allow direct unloading of paper reels to external handling systems, such as automatic shuttles.

This machine can be fully integrated with the handling systems, allowing complete control over the reel logistics inside the paper mill.

The pope reel arms unload the reels directly on the transport shuttle.

The autonomous driving shuttle, which can be supplied in combination with the machine, moves the parent roll to the rewinding department, and then returns to the pope bringing back the empty spools. The unloading operation and the transport is fully automatic, controlled by the machine PLC, ensuring the security of the operation.

Interconnection 4.0

The complete system can be fully integrated with remote management control, allowing the transmission of operating parameters in local management systems inside the plant, externally visible by cloud systems.

The dedicated PLC manages the reels in terms of parent roll diameter, paper length and weight.

The software provides all the information relating to the finished parent roll, the alarms, the safety devices and the diagnostics of each moving element of the machine.

