

# PAPER SOAP WRAPPER



After the development of the Packsavon and Wrappex families of soap wrappers and after having rebuilt several high-speed wrappers, SAS MARIANI now presents its novel high-speed unit, the PAPER.

The PAPER is an In-Line Soap Wrapper based on full continuous operations. Once in the machine, the soap bars never stop to assure smooth operations of positioning, wrapping, folding and sealing at any speed up to 500 wraps per minute and more. The wrapping process assures a high-quality presentation.

It wraps rectangular, oval, banded and bandless soap bars, using inner stiffener and outer wrap from continuous reel. The outer wrap can be heat-sealable paper or BOPP (Bi-Oriented Polypropylene). The wrapping style is double-point end fold.

Thanks to the long experience in supplying wrappers with continuous motion we could develop a design that summarizes the advantages of the existing solutions. A special attention has been posed to the choice of the part materials and the tolerances of their machining.

We offer similar versions where the pitch of the "soap grippers" are different in order to maximize the soap dimension or the speed: the PAPER/500 and the PAPER/600/ELAX.

The feeding section can be smart by taking advantage of intermediate conveyors or, for the highest speeds, we offer the ELAX. This is an innovative Electrical Axis installed with the upstream Stamper for a positive introduction of the incoming bars into the bucketed infeed conveyor.



The modern design of the PAPER takes advantage of several servo-motors:

- For the feeding suction-cup carousel and the related belt conveyors
- For the Infeed Bucket Conveyor
- For the Paper and Soap Grippers
- For the feed of the stiffener and outer wrap and their cut
- For the side moving Folders



#### SPECIFICATIONS:

MODEL	Length (min-max)	Width (min-max)	Height (min-max)	Maximum Speed *
PAPER/500	70-110 mm	45-70 mm	18-42 mm	500 wpm
PAPER/600/ELAX	70-110 mm	45-70 mm	18-42 mm	500-600 wpm

\*The production speed depends on the specification and quality of the wrapping material and product to be wrapped



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