



# F-Max

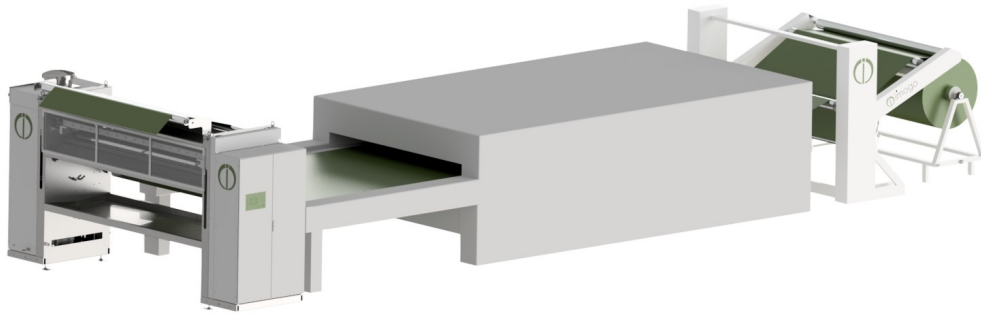
Digital finishing





## F-Max

The imogo F-Max is a flexible system designed to be implemented in just about any process where precise and repeatable application of low viscosity finishing chemistry is required. In most cases this would mean replacing a padder. The system is designed to be integrated in an existing stenter or continuous line.



### Savings up to\*



Water

50%



Waste water

65%



Chemistry

50%



Energy

50%

## Mini-Max

The Mini-Max lab unit will further increase productivity and enable right first time application through the recipe testing concept. Once a correct recipe is made the settings can be directly transferred to the F-Max unit for production.

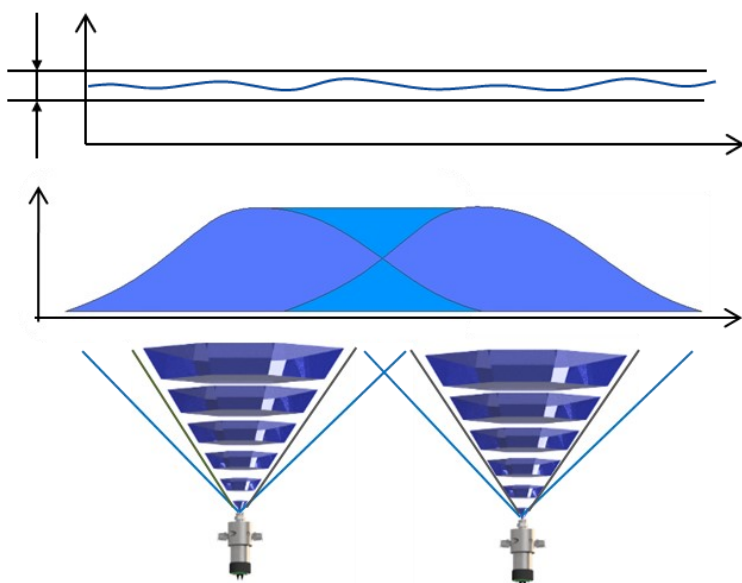


\* Savings / kg fabric compared to a continuous process running 1:1 ratio



## Digital spray finishing

The precise application of the finishing chemistry is achieved through a combination of high-speed solenoid valves and precision nozzles. Each precision nozzle has a dedicated imogo Pro-speed valve that is digitally frequency controlled to accurately deliver the set volume. The valve can operate at a frequency of up to 80 hz. The very small droplets that the atomizing nozzles generate are ideal to create a uniform and consistent coverage and penetration of the textile substrate.



## Specifications

Production speed range	5 - 50 m/min
Standard volume range <sup>1</sup>	4 – 14 litres/min
Fabric width <sup>2</sup>	1.6, 2.0, 2.4m
Water consumption wash	8-12 litre
Water consumption clean	15-35 litre

<sup>1</sup> Different volume ranges available

<sup>2</sup> All sizes can also accommodate narrower fabric

## Benefits

- Increased productivity
- Quick change overs
- Constant and clean chemistry mix
- No side to side variations
- No tailing
- Reduced pickup levels
- Reduced waste at change overs
- Reduced energy consumption
- Quality improvement
- Efficient short run capability
- Mini-Max right first-time sampling
- Reduced maintenance
- Production data logging

## Compatibility

Water repellents  
Softeners  
Anti microbial  
Flame retardants

Woven fabrics  
Knitted fabrics  
Non-woven





## Contact



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