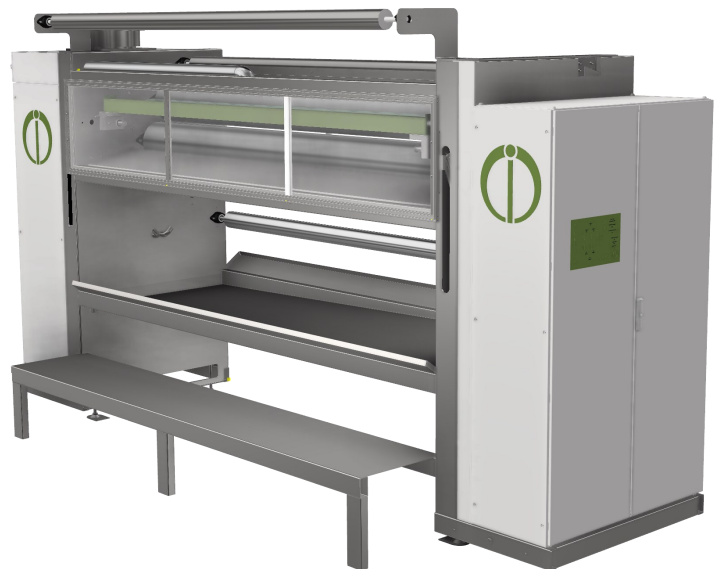




F-Max

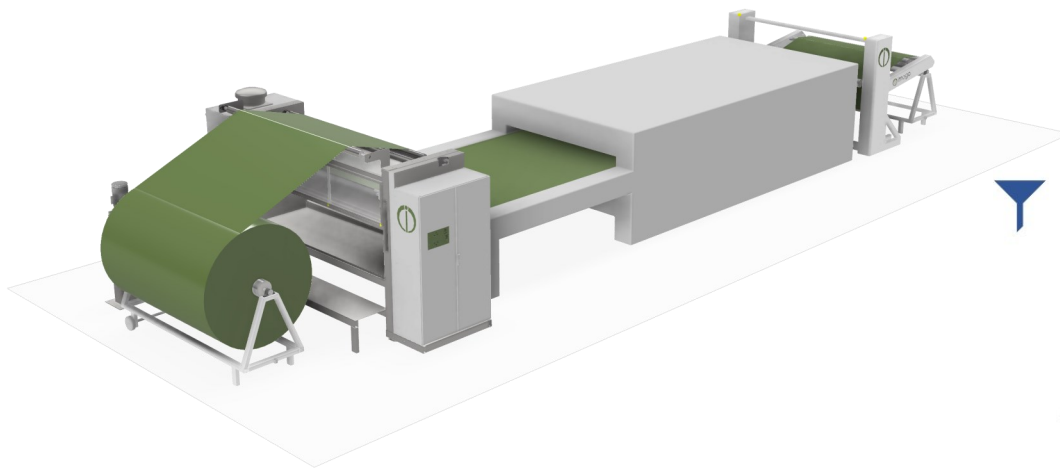
Digital finishing unit





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.

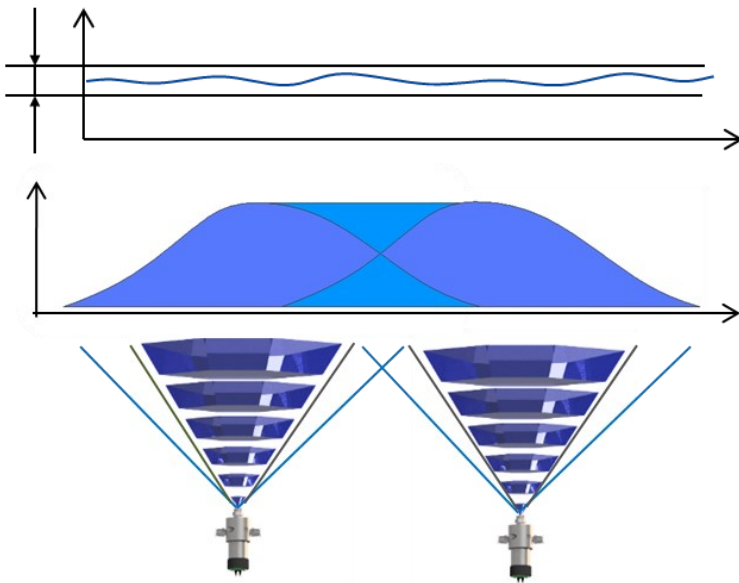


* Savings / kg fabric compared to a continuous process running 1:1 ratio



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 85 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	4 – 14 litres/min
Fabric width ²	1.6, 2.0, 2.4, 2.8m
Water consumption wash	4-8 litre
Water consumption clean	10-20 litre

¹ Different volume ranges available

² All sizes can also accommodate narrower fabric

Benefits

- Increased productivity
- Quick change overs
- Constant and clean chemistry mix
- 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



imogo AB

Järnvägsgatan 53
SE-216 16 Limhamn
Sweden

Email: info@imogo.com

Phone: +46 793475959

