



The FP 3 foam processor

Total control over textile coating and foaming

Stork Prints

Effective and efficient

The FP 3 flexible foam processor from Stork Prints is the most effective and efficient way to benefit from the many advantages of foam technology.

Foamed chemicals contain less water than pastes, resulting in energy savings of up to 50% and a doubling of production speed at existing drying units.

Lower costs

With the FP 3, you are guaranteed precisely controlled delivery of chemicals over a wide range of flow rates.

The microprocessor-controlled mixer ensures the correct foam quality and weight will be applied regardless of the

line speed. Accurate control of chemicals also minimises wastage and therefore cuts costs.

Versatility

You can use the FP 3 to apply finishing treatments to a wide range of woven, knitted and non-woven substrates.

It is typically used to treat garments, fabrics for the automotive industry and for home decoration purposes, or indeed any type of substrate that requires even, closely-controlled coating, bonding or impregnation. The FP 3 generates a quality of stable, meta-stable and unstable foams at densities ranging from 50 to 850 grams/litre.

Wide compatibility

The FP 3 integrates fully with the Stork CFT multi-functional coating and finishing unit (whose unique closed squeegee system is necessary for unstable foam), as well as the Stork screen-to-screen system. However, the FP 3 is also fully compatible with other types of coating and finishing equipment.

Suitable for use with paste

For added flexibility, the FP 3 can also be used with paste. In such circumstances, the microprocessor-controlled mono pump accurately doses the paste, and the mixer head - which would normally combine the ingredient with air to create foam - is bypassed.



This versatility means the FP 3 can offer practical and cost-effective solutions for virtually all foam- and paste processing requirements in textile and non-woven applications.

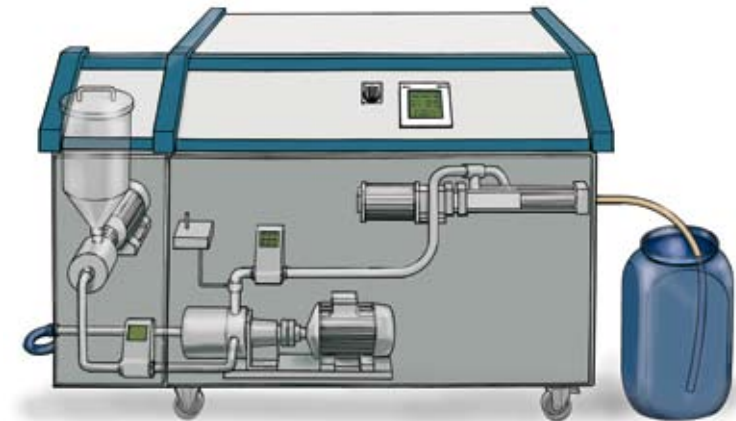
Minimised downtime through automatic cleaning

A unique built-in automatic washing system significantly reduces the amount of time required between different batches. At the touch of a button, compressed air forces

water through all equipment parts that have come into contact with chemicals.

Ease of operation

An integrated touch-screen panel allows easy operation and gives a clear overview of system status. Up to 20 different process parameters can be stored and recalled for future use, which simplifies re-runs and reduces the possibility of error.



The data in this brochure was valid at the time of publishing, and is subject to change without notice. Stork Prints reserves the right to modify its products at any time without further obligation.

The FP 3 foam processor configuration

The FP 3 flexible foam processor consists of a mono pump, an accurate air dosing system and a stainless steel mixer head that blends water, chemicals and air to create foam with a pre-defined consistency. The rotation speed of the mixer is adjustable between 300 and 1500 rpm to suit varying process requirements. Three FP 3 models are available, with capacities of 75, 300 or 600 litres/hour respectively.

An optional module directly injects additives that cannot readily be combined with the bulk ingredient before being fed into the foam processor. In this way, chemicals with short pot lives, other dyestuffs and expensive ingredients that require accurate dosing can all be incorporated in the foam mix.

Automatic calibration

The 300 and 600 litres/hour models can also be fitted with an optional flow control system, which gives automatic calibration of ingredient quantities.

Stork Prints
P.O. Box 67
5830 AB Boxmeer
The Netherlands
Tel.: +31 485 59 95 55
Fax: +31 485 59 95 56
info.storkprints@stork.com
www.storkprints.com