

Boxmeer (Netherlands), May 29<sup>th</sup> 2006

### Introduction of new rinsing- and padding unit for flag and banner printers at Fespa Digital

At Fespa Digital 2006 SETeMa B.V. has shown its revolutionary versatile modular finishing line (Porta-Clean, Porta-Pad, Portafix Universal) for dyestuff fixation, washing, padding and steam-drying for the flag and banner market.

The Porta-Clean is designed specifically for removing coatings and non-fixated dyestuffs in a high performance rinsing process. With the Porta-Pad, finishing chemicals can be applied to the textile e.g. a fabric protector.

The Fespa Digital was the first Fespa at which SETeMa exhibited. With a record attendance, interest for the Porta-Clean and Portafix outstripped all expectations. The minimum water usage of only 2.5 l/min and the high-efficient energy re-use together with the compact industrial design received much admiration. Also the newly developed vacuum slit which pre-dries the fabric down to a wet pick-up as low as 30% of the fabric weight was receiving compliments.

In combination with the high capacity model of the Portafix Universal as steam-dryer one has a compact, modular and effective line for fixation, rinsing and drying, with a production capacity up to 135 (length) m/h in a 2.50 m width. Driven rollers in the total line ensure a tension free transport of the cloth.

Due to the modularity of the systems, the line can be build to customer demands and required capacity.

The in-line system can also be used for color fixation only, simply by skipping the Porta-Clean washing and the Porta-Pad padding unit, using the Portafix Universal stand-alone. The Portafix Universal is suitable for hot air and high temperature steam fixation of water based disperse dyes in direct print on polyester. The huge steam circulation capacity guarantees a uniform temperatures in the entire fixation chamber providing a 100% even fixation from left to right and begin to end. The Portafix Universal was introduced in 2002 and has proven its concept at customers world wide.

Marketing and sales activities of SETeMa are handled by 2-some.

#### NOTE TO EDITORS

SETeMa B.V. (Scientifically Engineered Textile Machines) based in the Netherlands was founded in 2002. Its main objective is design and manufacturing of textile machinery based on the scientific knowledge of the underlying processes. SETeMa is focussing towards all textile finishing processes, around the printing process like dyestuff fixation, washing, padding/coating and drying.

#### *Further Information:*

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