



# TEXDATA INTERNATIONAL

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ITMA 2019  
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# Magazine

Issue No. 1 2016

**Business // Finance // Market // Technology**

**Yarn // Fiber \*Spinning \*Weaving \*Knitting \*Dyeing // Finishing // Washing // Drying \* Nonwovens // Technical Textiles \*Textiles // Apparel // Garment**

## ITMA: Machine rush in Milan

- ▶ **Interview with Benjamin Mayer,**  
CEO Mayer & Cie
- ▶ **Interview with David Pircher,**  
Head of Business Development / Product Management OEKO-TEX
- ▶ **Country Focus: Poland**
- ▶ **Sustainability – the action phase has started**

Aqua-Finish is a discontinue dyeing machine which operates pre-treatment, dyeing and washing in one process. The fabrics will be finished in less than 5 hours. The tension-less guiding of the fabric in combination with a liquor circulation – which treats the fabrics with permanently constant concentration – provide high quality production results. An automatically dosing unit regulates the necessary liquor ratio according to the recipe for each fabric. Powerful pumps and motors with lowest energy requirement are harmonized with each process in an optimal way. Managing Partner George Tse told us that considerable requests were the results of ITMA participation and the presented machine could have been sold directly at the fair.

Dosing and dyeing solutions provider **Tecnorama** presented two new machines from the portfolio of automatic machinery for dissolving and dispensing of liquid/solid dyestuffs and chemicals for laboratory and bulk production. The first one, SHAKERAMA is a new system for dyeing laboratory samples, designed and produced by Tecnorama to complete its range of automatic dyeing machines forming part of the DOS&DYE COMPACT system.



Krantz Synergy dyeing machine Aqua Finish

This machine is particularly suitable for dyeing knitwear and fabric made of all type fibres: natural, artificial and synthetic. SHAKERAMA is conceived to work with groups of more autoclaves carrying out simultaneously dyeing cycles with different recipes but using the same dyeing program. The cooling system guarantees perfect temperature uniformity and regularity for all dyeing units avoiding dyeing reproducibility problems.

The second one, ECODYERAMA automatically analyses the quality of wastewater during the dyeing process. The water quality is analysed by means of a special optical instrument capable of checking the presence of minimum quantities of dyestuff remaining in the washing water (RGB technology). Tecnorama told us that they concluded with an extremely positive result and could sign many sales contracts.

**Erhardt+Leimer** presented a new metal detector for the detection of metal particles in textiles, non-woven fabrics and carpets. The metal detector of the type ELMETA MD 1005 is offered for web widths of up to 6000 mm. A special feature of the device is the segmented detection and evaluation for sections with a width of 300 mm each, making it much easier for the machine operator to locate a metal particle, especially if the web is very wide.