

Press Information

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KRAFFT supplies Thermofixing and Stretching Line

KRAFFT Engineering has recently supplied a thermofixing drying and stretching machine for technical textiles and successfully put it into operation.

The machine, which is intended for the national market, is part of a complete plant for the finishing of different textiles. The implemented machine concept allows in-line operation with the complete production line as well as a separate operation "from roll to roll". For this purpose, appropriate unwinding and rewinders were integrated. The machine has a max. Working width of 4000 mm at a design speed of up to 40 m / min.

Drying, thermofixing and stretching of the product is carried out via 6 steam-heated, DGRL 2014/68 / EU, approved drying cylinders with a diameter of 600 mm. In order to ensure the necessary processing properties, the surface of the drying cylinders is chromium-plated and finished with a fine grinding. The optimum support of the web on the drying cylinders allows targeted stretching or shrinking. The variable and defined forces necessary for the process are controlled by servo geared motors, rubberized tension / brake rollers and load cells.

As the cylinder dryer delivered for the non-woven segment last year, the machine is equipped with a CKS insulation housing and heat recovery. In cooperation with the partner for control engineering, the company IST in Geldern, the user receives a complete system with state-of-the-art electrical control and system visualization.

Wolfgang Römer, Head of Engineering at KRAFFT, sees in the machine and control concept the greatest possible procedural

flexibility for the customer realized. In addition, the modular design and the parameterization of the system allows simple adaptation to new requirements, product widths and products.

About KRAFFT:

KRAFFT is one of Europe’s leading manufacturers of and specialists for rotationally-symmetric components. The knowledge gained from building plants for the production of paper and cardboard was consequently aligned to new products and product segments throughout the past years. Four product sectors are the backbone of the company:

- KRAFFT Rollers – KRAFFT Walzen** is the company’s flagship brand for rollers, cylinders and drums
- KRAFFT Turning Technologies** turning parts and large turning parts are used in plant construction and engineering
- KRAFFT Engineering** Engineering and projecting, turn-key systems
- KRAFFT Services** service and maintenance, repair, assembly

Rollers and Beyond – Paper and Non-Paper

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