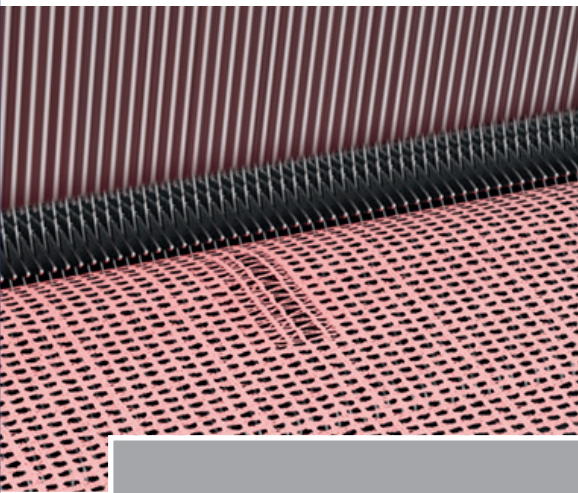




PROTECHNA

A VANDEWIELE COMPANY



ARRAYCAM 5420

ARRAYCAM 5420

Optical Inspection System for Tricot and Raschel Machines

- Modular camera system for the knitted fabric inspection on Tricot Warp Knitting machines and on Raschel machines (simple patterns)
- Reliable fault detection with fast reaction times
- Easy operation thanks to a multilingual user interface on the control unit

The ARRAYCAM 5420 optical inspection system is suitable for monitoring standard fabrics on all common Tricot Warp Knitting machines and on Raschel machines (simple patterns). It impresses with its high quality and an outstanding price-performance ratio. The warp knitted fabric is monitored with precision cameras, installed dust-protected in a protective profile, directly on the textile machine. The mounted LED lighting ensures a uniform illumination of the warp knitted fabric. When a fault is detected, the machine stops immediately and the area of the defect is indicated by a red light spot on the fabric.

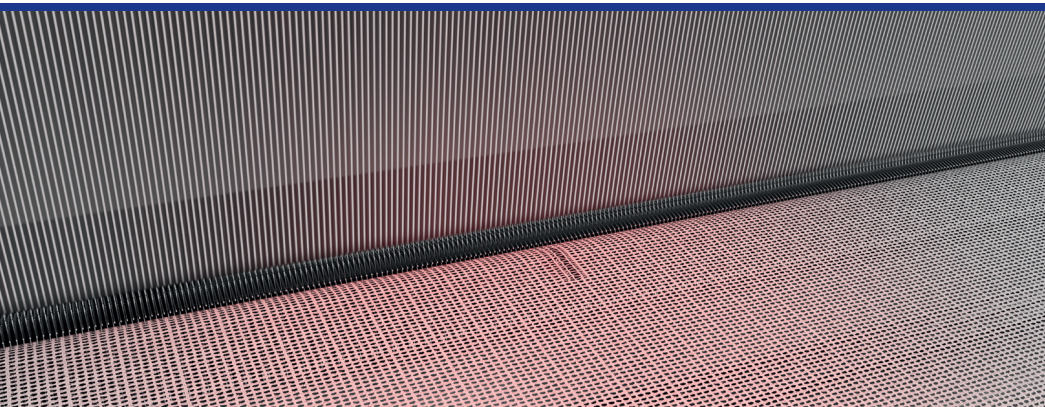
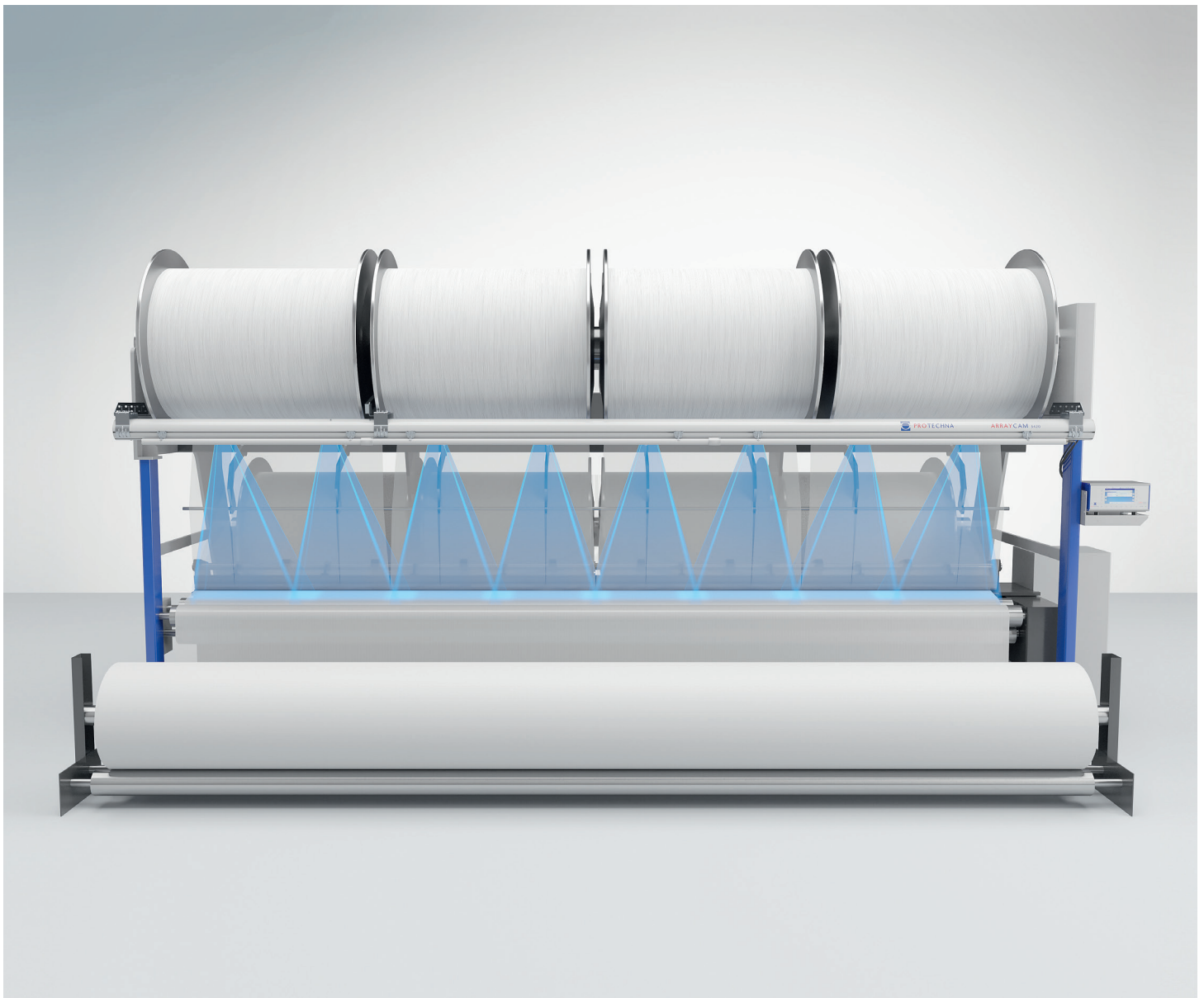


RELIABLE MONITORING

- Monitoring of Tricot Warp Knitting machines and Raschel machines (simple patterns) with standard widths 130" to 240"; special widths are available on request
- Short defect lengths due to permanent monitoring of the entire fabric width close to the needle bar
- Exact determination and display of the fault area by means of red light on the warp knitted fabric
- Optional transmitted light for hard-to-detect fault types
- Optional connection of up to 8 laser light barriers to the control unit as additional thread break detection

EASY INSTALLATION AND COMMISSIONING

- Installation of the cameras in a factory pre-defined distance to the fabric
- No fine adjustment of the camera lenses required
- Largely pre-assembled system



EASY OPERATION

- 7-inch colour screen to show the operating status of the monitoring system and the fault position
- Input of operating parameters directly into the control unit using a wear-resistant foil keyboard
- Easy-to-use menu control thanks to a self-explanatory user interface in different operator languages

- Preset data records for different article types
- Creation and storage of customer-specific article data
- Password-protected input of parameters
- The absence of wearing parts minimises maintenance and service

ACCESS TO THE MEASUREMENT DATA FROM ANYWHERE

- A WiFi module is integrated into the camera
- The operator has the choice of accessing the ARRAYCAM 5420 quickly and easily via smartphone, tablet or laptop
- The integrated web server offers a comprehensive user interface for all aspects of the ARRAYCAM 5420



Formed in 1956, PROTECHNA has been part of the Belgian VANDEWIELE Group since 2011. As a leading supplier of high-quality thread and fabric control systems for use in many textile manufacturing processes, we have continuously expanded our product range for the textile processing and textile machinery construction industries over the years. Together with a global network of more than 60 sales partners, we offer our customers a comprehensive portfolio of services and made-to-measure support.

Our Technical Department is responsible for the continuous improvement and enhancement of our high-tech products. Designing and developing individual solutions for the textile industry and working closely with leading textile machine producers creates a strong foundation for our innovative approach to business and the superior performance of our products.

Our quality assurance department uses in-depth controls to ensure that only first-class goods are shipped out to our customers. The resulting reliability and outstanding longevity of our products enjoy a well-earned reputation throughout our markets.

The quality of our work and the success of our company is measured by one all-important metric: customer satisfaction.



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