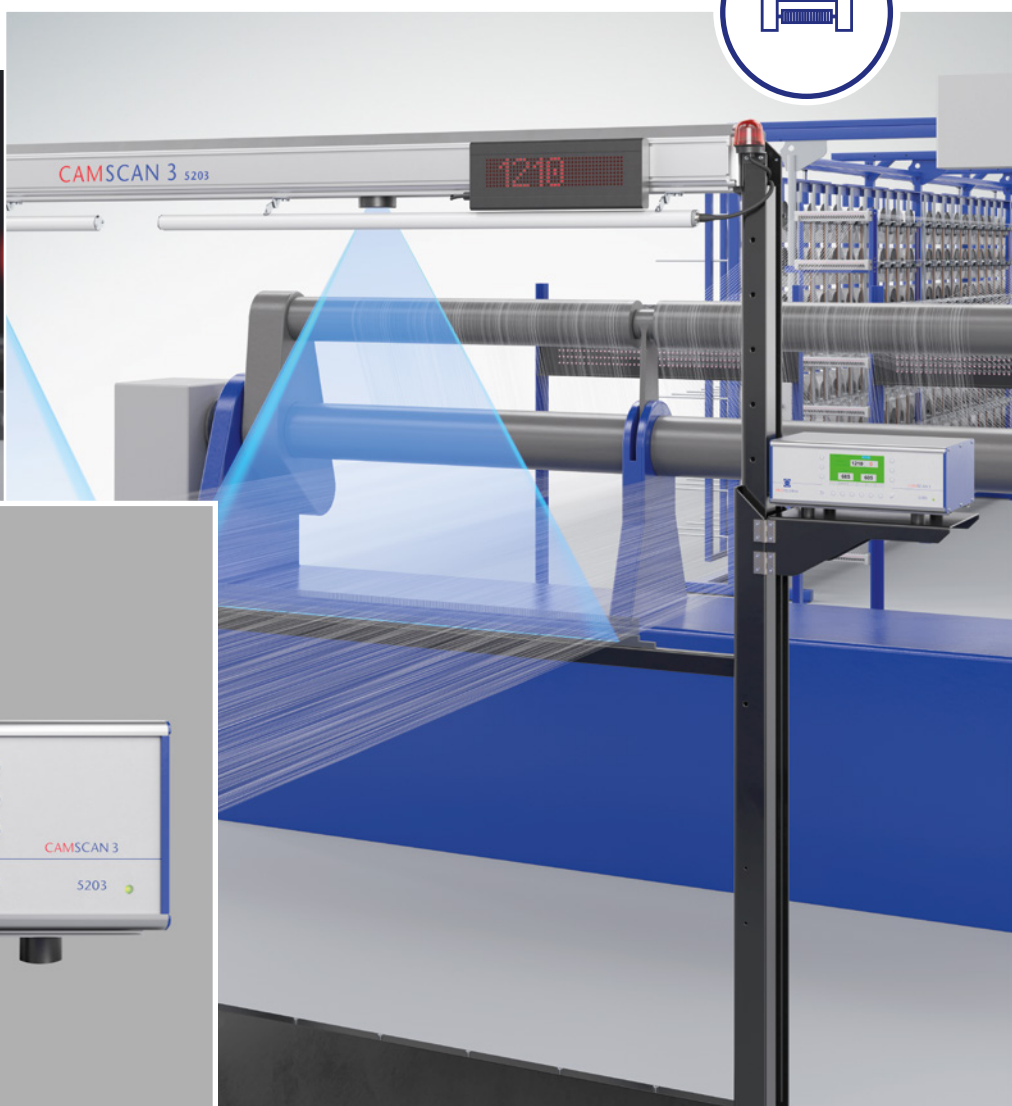
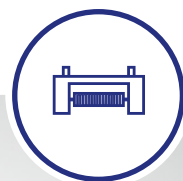




# PROTECHNA

A VANDEWIELE COMPANY



## CAMSCAN 3 5203

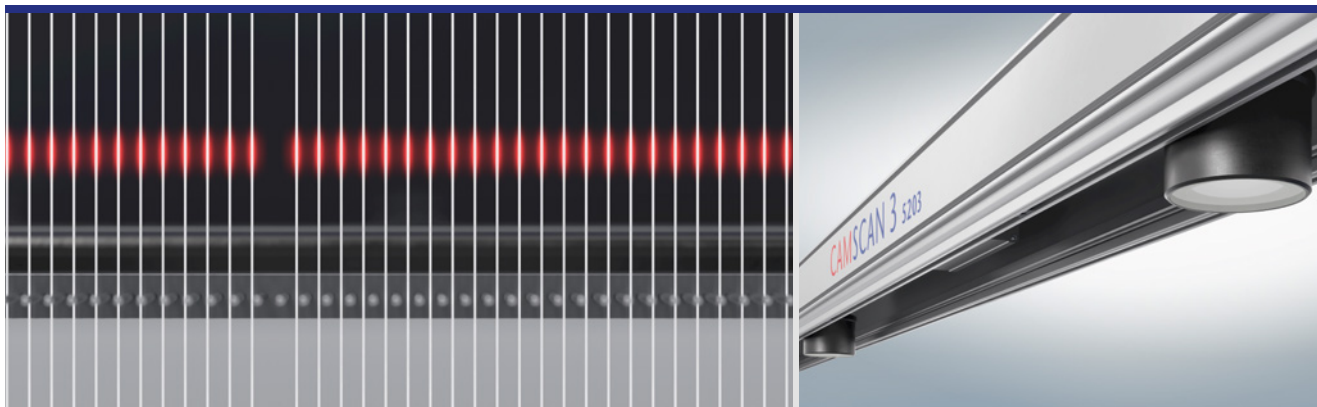
Digital Counting of Threads

# CAMSCAN 3 5203

Digital Counting of Threads

- For Warping, Beaming and Sizing machines
- Continuous inspection for missing threads or an incorrect number of threads
- Immediate machine stoppage and indication of exact number of missing thread

The CAMSCAN 3 5203 thread counting system is suitable for monitoring the yarn sheet on Warping, Beaming and Sizing machines. Depending on the width of the machine, the yarn sheet is monitored with 1 or 2 precision cameras, installed in a protective profile. The mounted LED lighting guarantees a uniform illumination of the yarn sheet. A continuous inspection for missing threads is thus ensured. The system stops the machine immediately in case of a thread breakage or an incorrect number of threads. In addition, the exact number of a missing thread in the yarn sheet is displayed.



## RELIABLE STOPPING OF THE MACHINE

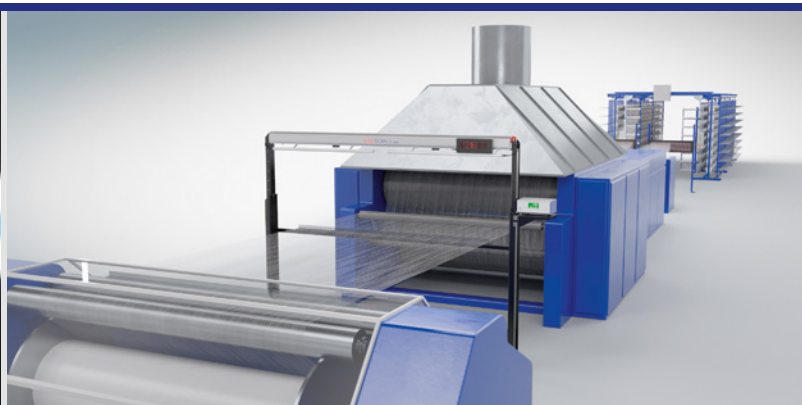
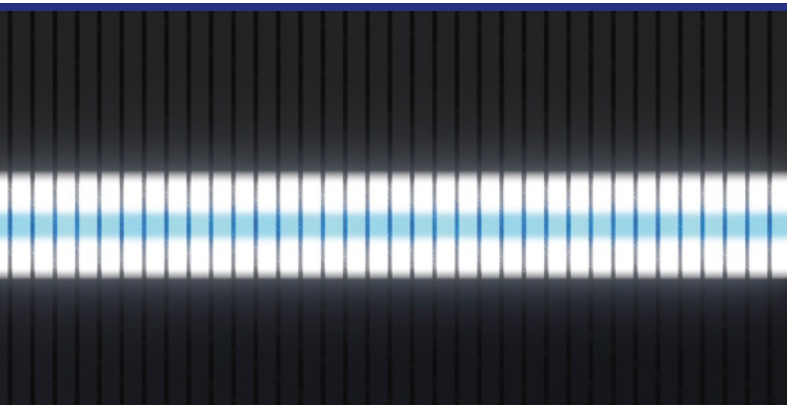
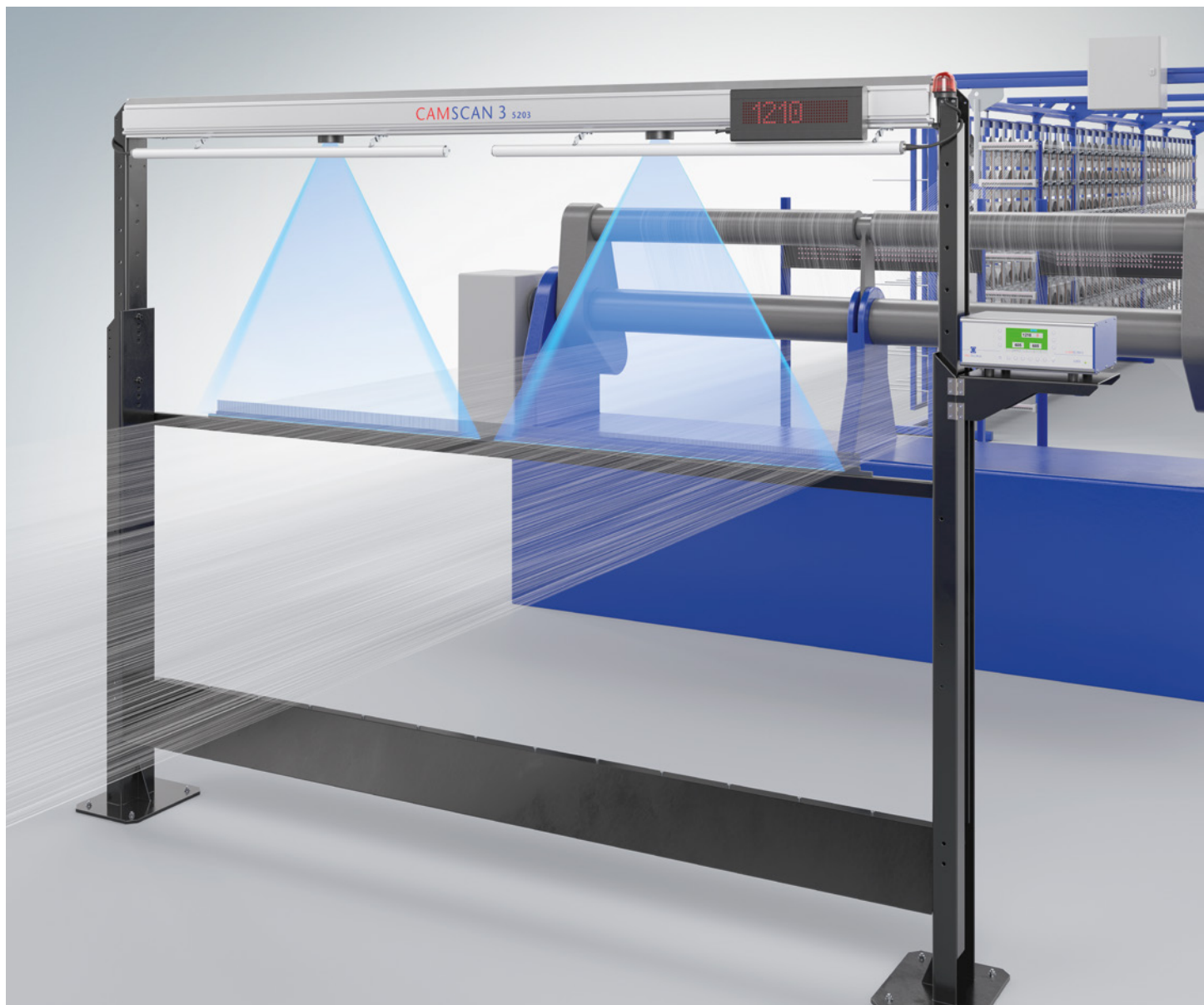
- Continuous monitoring over the entire visual range of the cameras
- Fast detection of broken threads
- Stoppage of the machine even in case of an incorrect number of threads

## CONSTRUCTION

- Mounting frame with LED lighting
- Modularly built camera system in working widths from 21" to 84"
- Additional indication of the exact number of a missing thread on a large-sized matrix display (optionally available)
- Optional transmitted infrared light for the detection of missing threads when using black yarn, exchange of daylight camera filter for infrared filter in this case necessary

## FUNCTION

- Input of total number of threads into the control unit
- Permanent comparison between the pre-set and the actual number of threads
- Display of the exact number of a missing thread on the 4.3-inch colour screen of the control unit



## EASY OPERATION

- 4.3-inch colour screen to show the operating status of the monitoring system and the exact number of a missing thread
- 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
- Display of camera signal and state of adjustment of each camera

## TECHNICAL DATA

- Max. working width: 84"
- Max. gauge: E46 resp. 18 threads/cm
- Min. monitorable titre: 11 dtex
- Avg. reaction time: 50 ms (depending on material)
- Light source: Continuous LED lighting
- Operating voltage: 115 V – 230 V / 50 Hz – 60 Hz
- Max. power consumption: 100 VA (depending on lighting)
- Stop contact: Potential-free relay contact, semiconductor output
- Software update via USB connection



**PROTECHNA**



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.



**PROTECHNA**

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