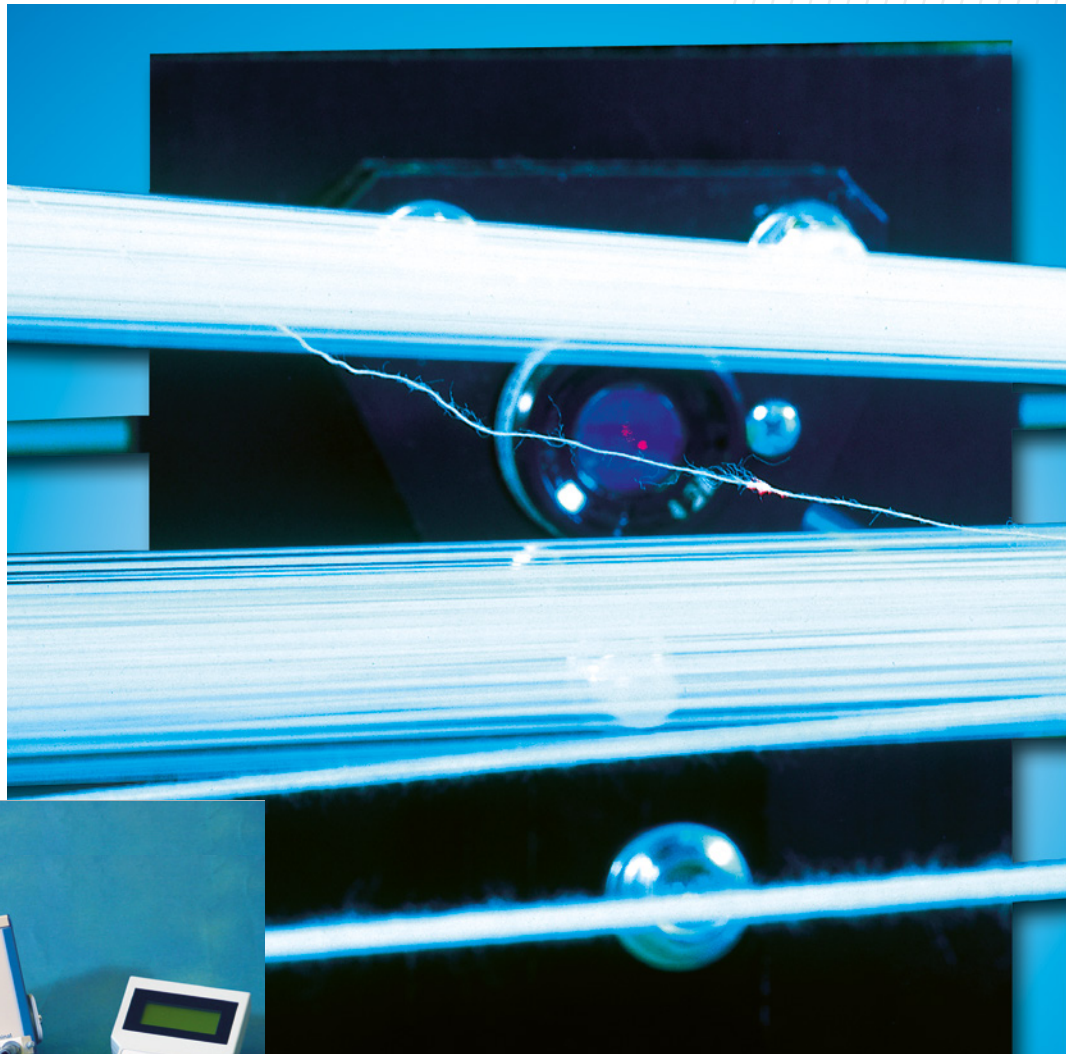


 **VANDEWIELE**



PROTECHNA



Thread Break Detector

LASERSTOP LOOM 4082

for Weaving Machines

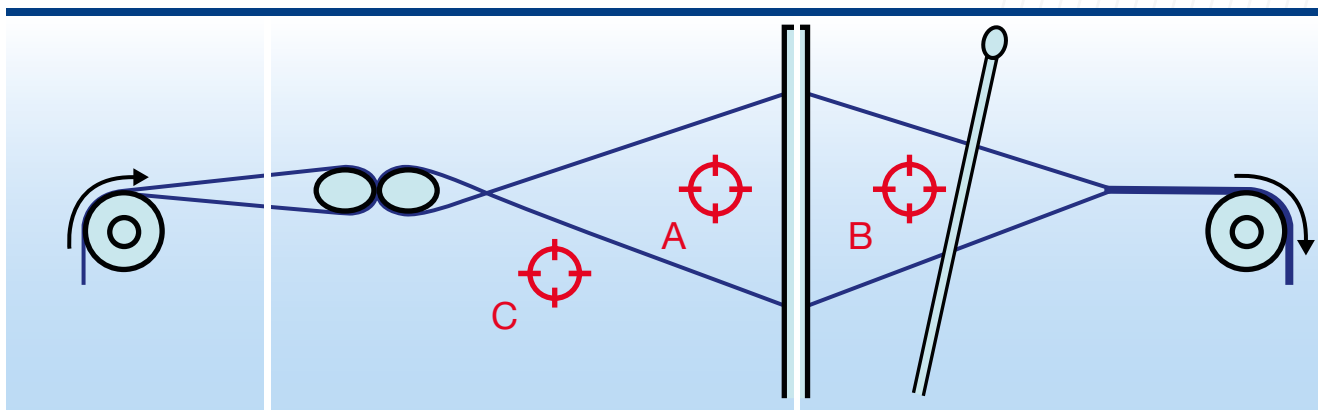
Thread Break Detector

LASERSTOP LOOM 4082

for Weaving Machines

- Reliable and fast fault detection
- Light barriers using innovative laser technology
- Easy operation

The thread surveillance device LASERSTOP LOOM 4082 impresses through its high quality and an outstanding price-performance ratio. The system recognizes a wide range of faults in yarn thickness as low as 12 dtex during the weaving process. An immediate stoppage of the weaving machine will occur even where the usual dropper systems fail.



POSITIONS FOR FAULT DETECTION

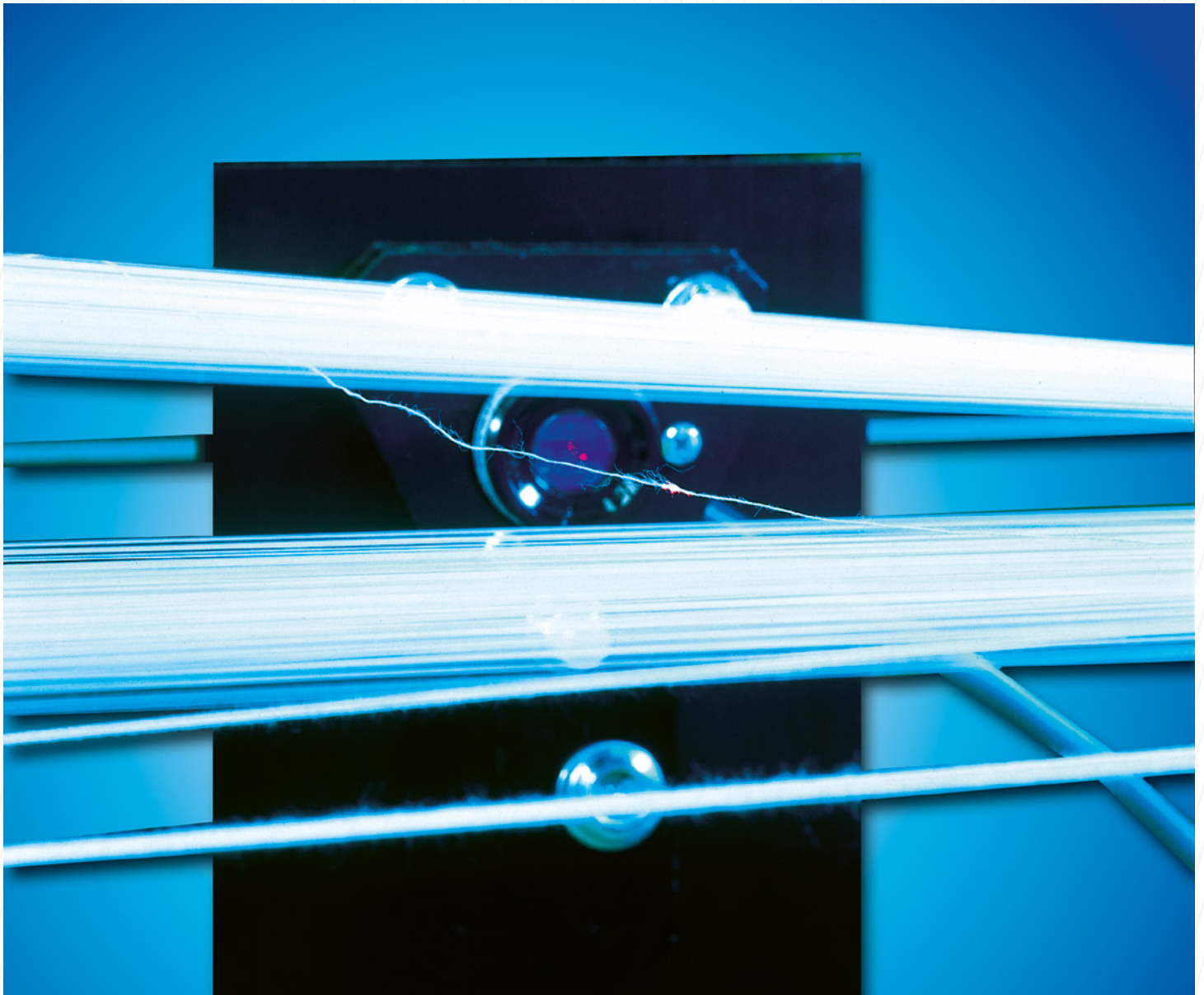
- Clamping threads or nests in the back-shed (A) or front-shed position (B)
- Thread breaks at the yarn sheet run-in (C)

RELIABLE FAULT DETECTION

- Continuous and automatic surveillance with digital signal evaluation
- Automatic adaptation of the system to the machine speed
- High sensitivity and vibration independence
- Colour coded LED display of the light barrier's operational condition for fast fault location
- Clearly noticeable external signal lamp to indicate stops

MAXIMUM PRODUCTIVITY

- Fast reaction time minimizes fault lengths
- Immediate and reliable machine stoppage even at high speeds
- Channel 2 with selectable DuoSplit function to reduce false stops caused by dust



NO MATERIAL OR YARN ABRASION

- Contact-free control preserve both yarn and woven fabric
- Minimal maintenance and service effort for an economic production

EASE OF USE

- Separation of the control unit and LCD hand terminal ensures operational security, user comfort and reduces costs
- Simplified setting procedure avoids input errors and minimizes preparation time

THE TECHNICAL FACTS

- Connection of max. 2 laser light barriers
- Visible, safe red light laser (Class 1)
- Low voltage connection
- Various adaptations for different machines and surveillance positions



CARPET WEAVING MACHINES

VELVET WEAVING MACHINES

TUFTING SYSTEMS

ADVANCED KNITTING TECHNOLOGY

YARN EXTRUSION LINES

ADVANCED HEAT-SETTING SOLUTIONS

SHEDDING SYSTEMS

HARNESSES

WEFT INSERTION SYSTEMS

FINISHING MACHINES

YARN TRADING

QUALITY ASSURANCE FOR TEXTILES

PRODUCTION MANAGEMENT SOLUTIONS

MOTORS & DRIVES

HIGH PRECISION IRON FOUNDRY

BULK HANDLING

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 Herbst GmbH & Co. KG
Lilienthalstrasse 9

85579 Neubiberg – Germany

☎ +49 89 608 114-0 📠 +49 89 608 114-48

@ info@protechna.de

🌐 www.protechna.de

