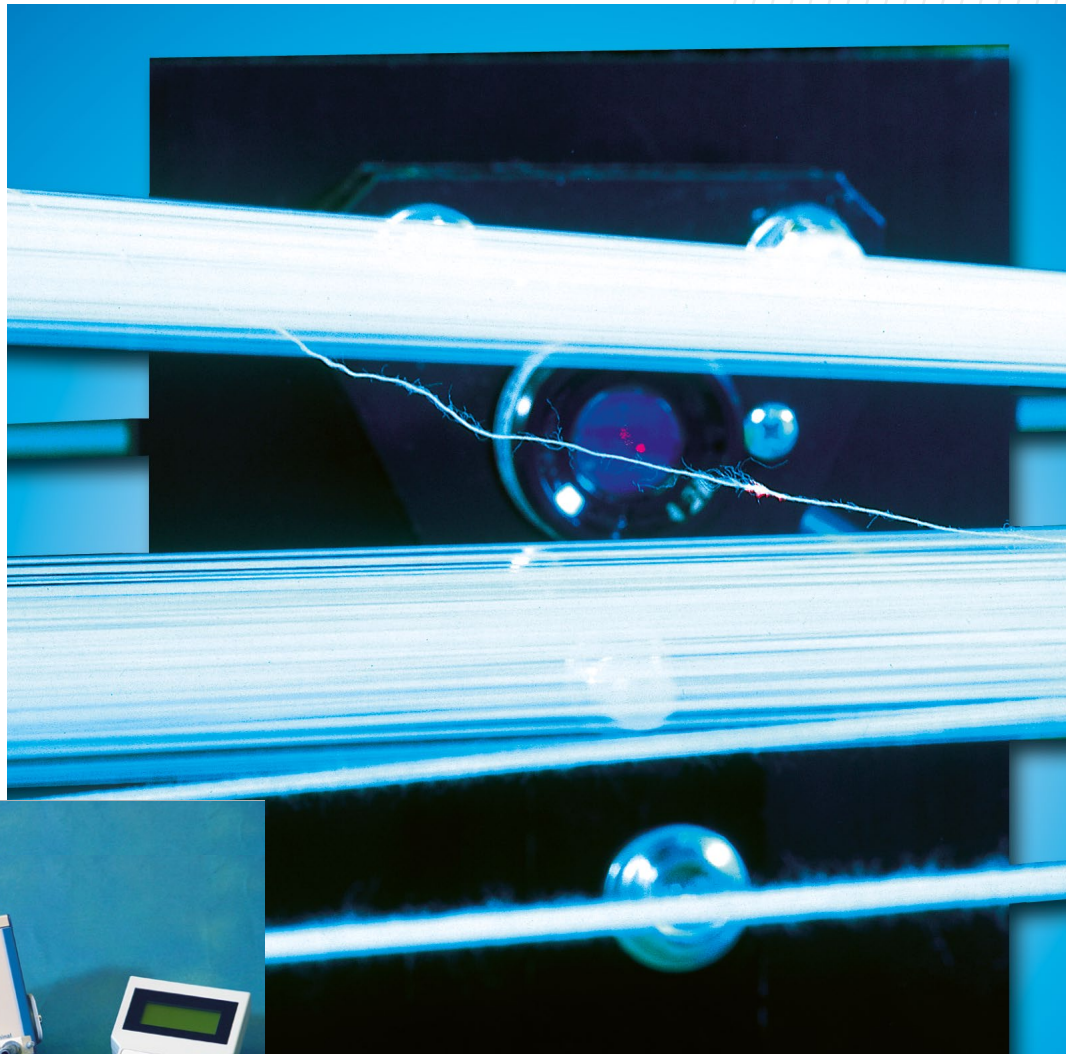
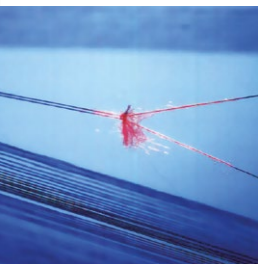


VANDEWIELE



PROTECHNA



Thread Break Detector
LASERSTOP LOOM 4082
for Weaving Machines

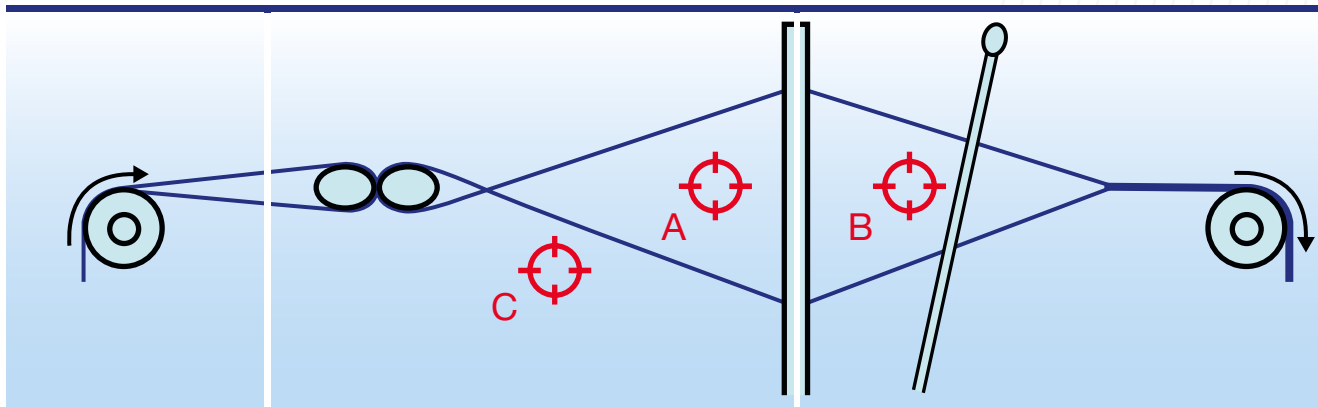
Thread Break Detector

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

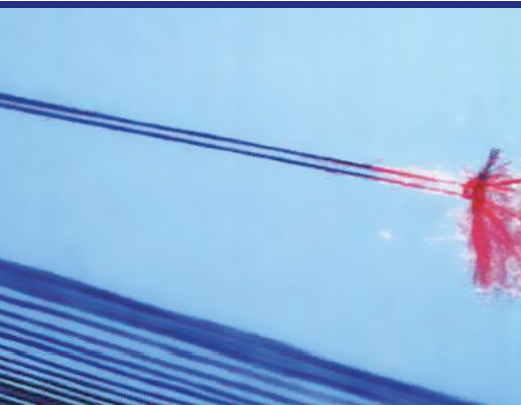
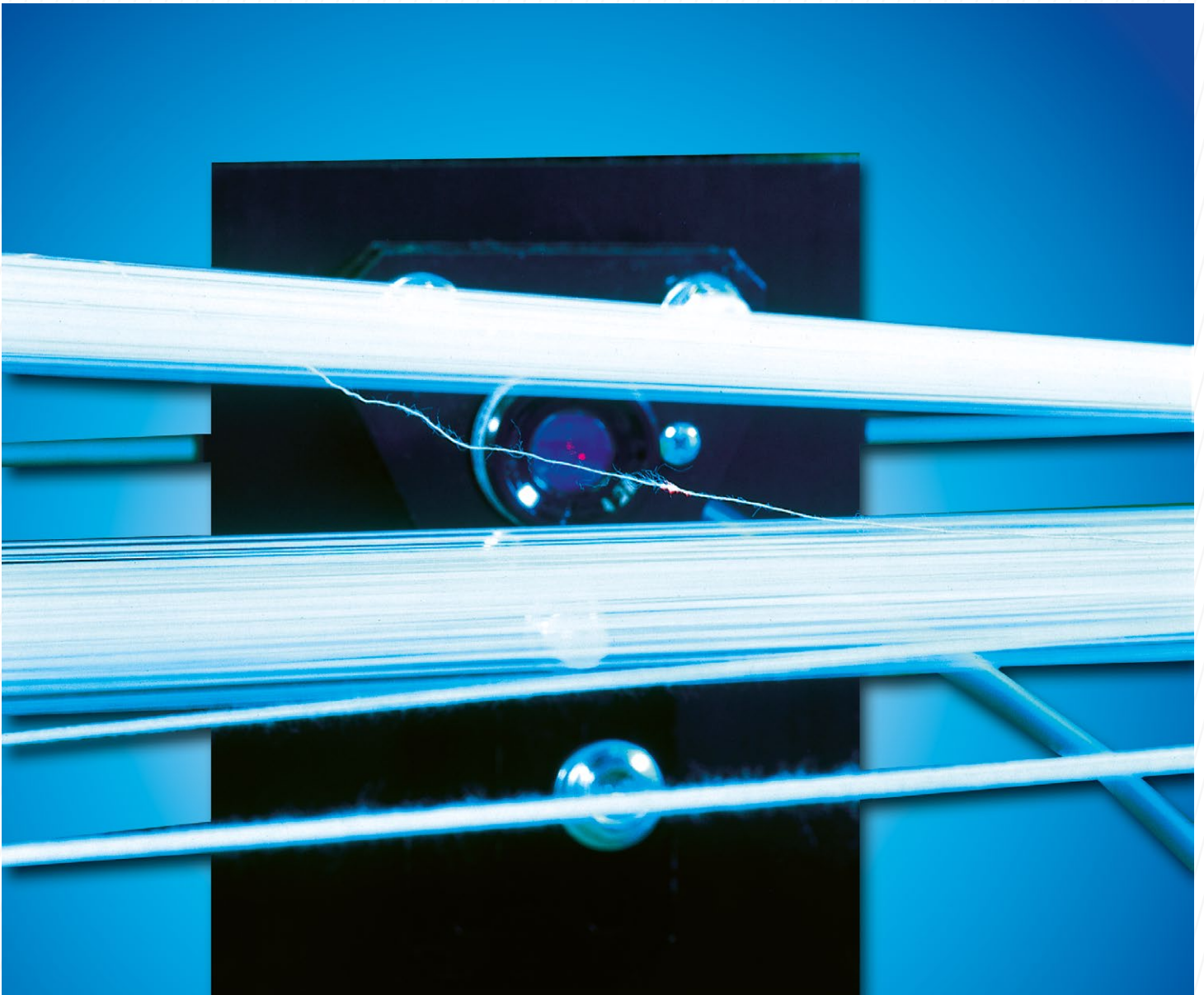
- Clamping threads or nests in the back-shed (A) or front-shed position (B)
- Thread breaks at the yarn sheet run-in (C)

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 and insects



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

Since 1956 PROTECHNA has been producing, marketing and servicing opto-electronic thread control systems for the textile industry. Best quality lead to steady growth and resulted in our company being the market leader for monitoring textile machines. Today the company is operational worldwide and has at its disposal marketing and service partners in all of the textile producing countries.

By using the latest technologies our technical department develops innovative monitoring devices for practical use in the textile industry.

A close and long-term cooperation connects us with the leading textile machinery manufacturers. For the requests and suggestions of our customers we always have an open ear. Only in this way real innovations can be created, which are highly beneficial for our customers.

At the contentment of our customers we measure the quality of our work and the success of our company.



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