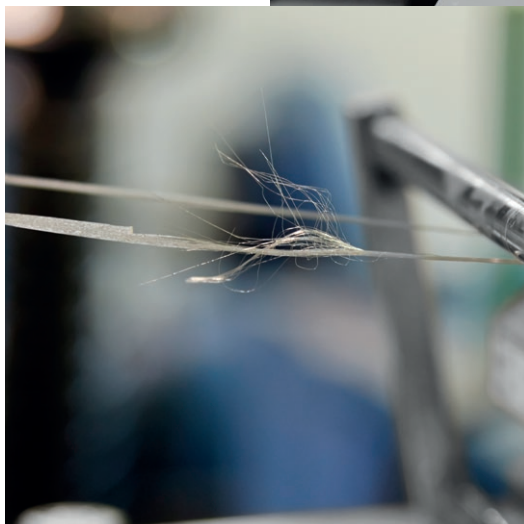
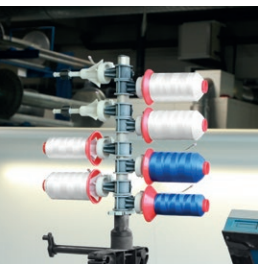


**VANDEWIELE**



**PROTECHNA**

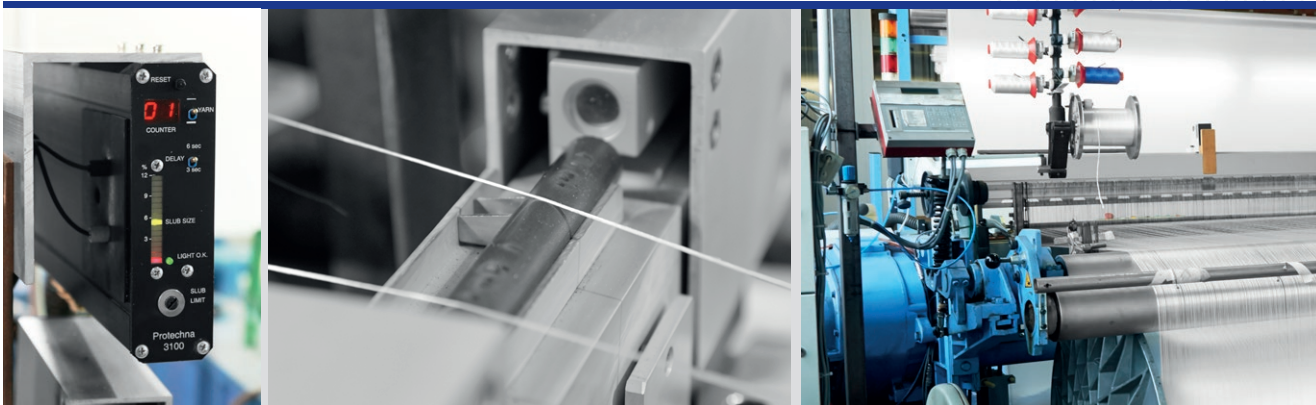


Opto-electronic Yarn Inspector  
**COGASTOP WEFT 3100**

# Opto-electronic Yarn Inspector COGASTOP WEFT 3100

- Monitoring the weft threads on weaving machines
- Easy to operate

The PROTECHNA yarn inspector COGASTOP WEFT is a control system to detect weft thread faults on weaving machines. Slubs, double threads, uneven knots and filamentation can be recognized. This is particularly important for coated fabric since every slub is visible in the final coated product.



## CONSTRUCTION AND FUNCTION

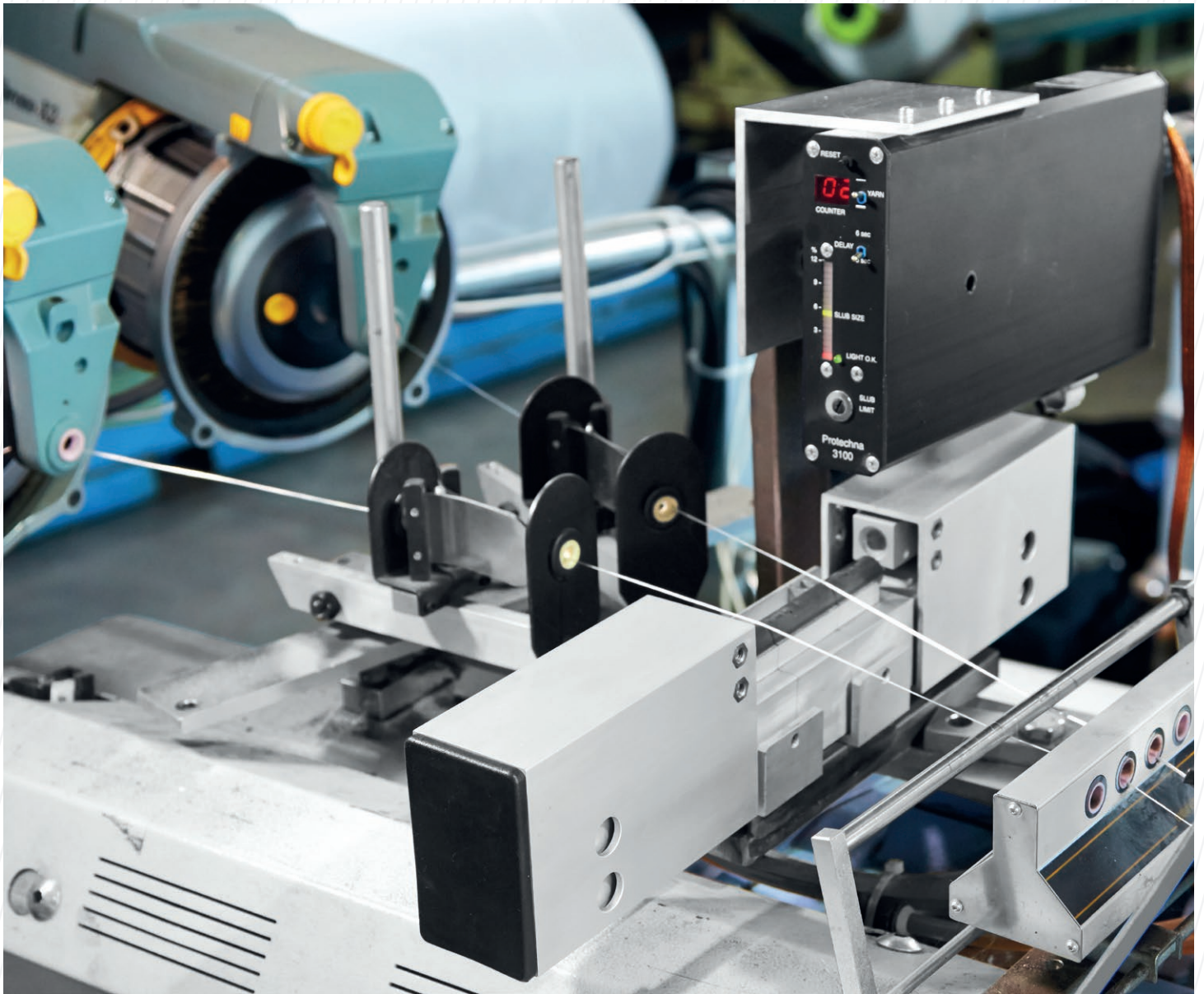
The yarn inspector COGASTOP WEFT is fitted before or directly behind the feeder so that the fault can be removed before it is woven into the fabric.

The weft threads (one or more weft threads in one level) are led through the centre of a highly concentrated light beam. When a yarn fault passes through

the light beam, the light quantity is reduced. If the difference exceeds the adjusted sensitivity, the weaving machine is stopped and the fault can be removed.

The inspection head is connected with the control unit via light wave conductors. This ensures a high protection against electromagnetic interference.

The electrical connection, the electronic evaluation and the stopping of the weaving machine is performed by the control unit.



#### TECHNICAL DATA

- For yarn speeds from 100m/min
- Monitoring range: 200 mm
- Operating voltage: 115 V/230 V  
50 Hz/60 Hz
- Stopping contact: Potential-free relay contact



CARPET WEAVING MACHINES

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VELVET WEAVING MACHINES

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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

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BULK HANDLING

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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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