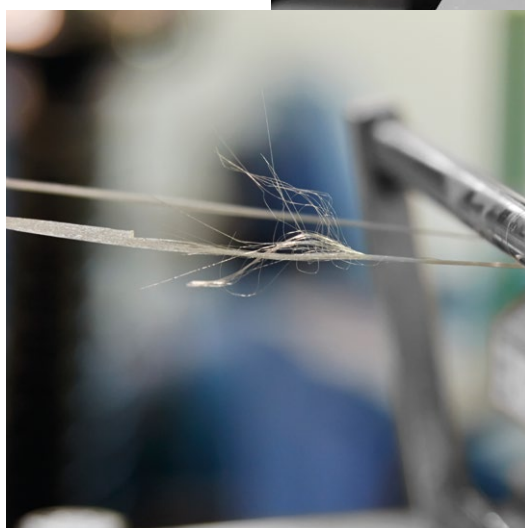
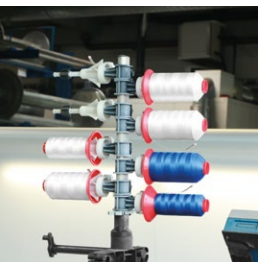


**VANDEWIELE**



**PROTECHNA**

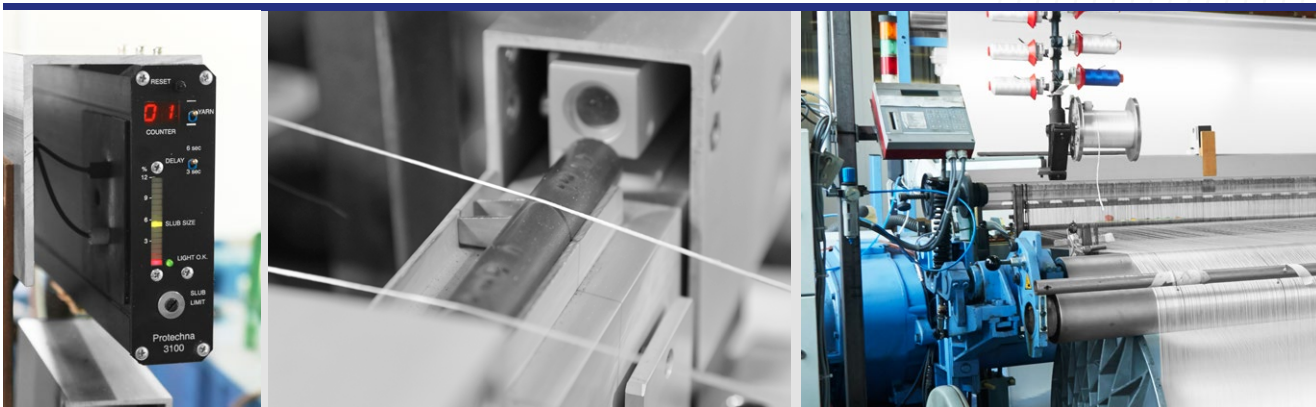


Opto-electronic Yarn Inspector  
**COGASTOP WEFT 3100**

# 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 on the final coated product.



## CONSTRUCTION AND FUNCTION

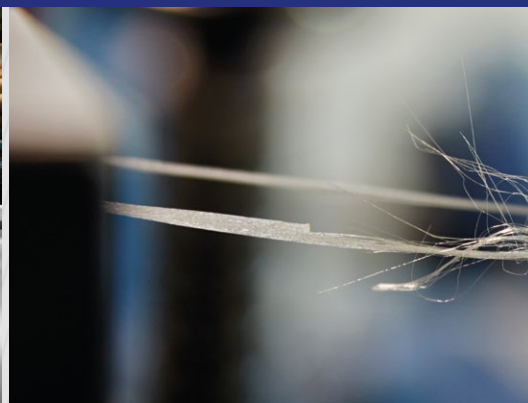
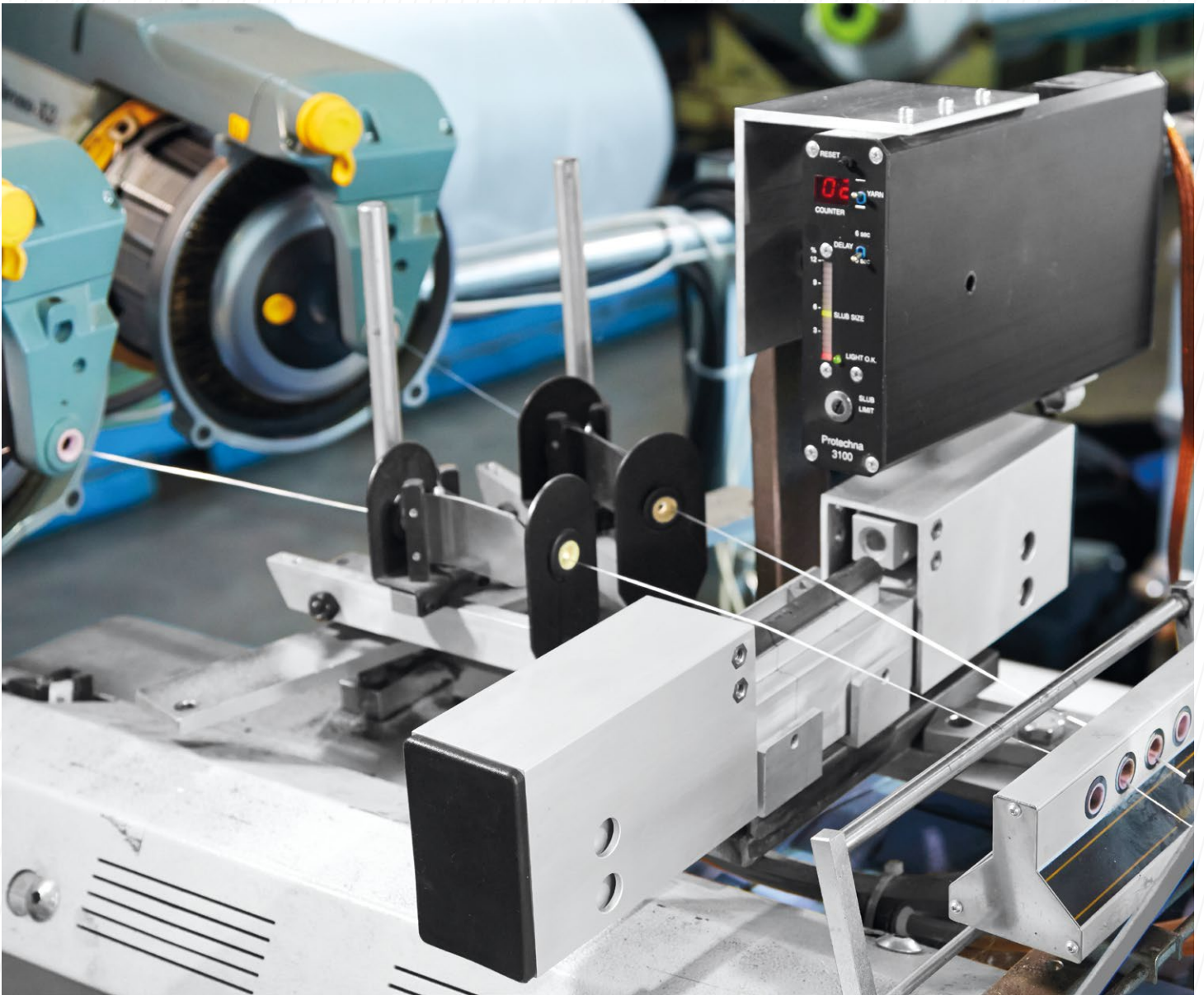
The yarn inspector COGASTOP WEFT is fitted before or directly behind the feeder so that the fault can be removed before it is woven into the fabric.

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

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ADVANCED KNITTING TECHNOLOGY

---

YARN EXTRUSION LINES

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ADVANCED HEAT-SETTING SOLUTIONS

---

SHEDDING SYSTEMS

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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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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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