Optical Yarn
Yarn breakage detection

Description:

Yarn breakage detection system suitable for any thread count, based on ETV's own specific contactless optronic sensors.

Applications:

Creels, extruders, winding frames and winders in general.

Features:

- Yarn breakage detection
- The machine will stop if yarn breakage is detected
- The number of yarn breakages and/or machine stops can also be displayed (optional)

Benefits:

- Increased production
- Quality control
- User friendly
- Only requires limited maintenance
- Highly reliable yarn break detection
- Minimum tension on the yarn
- The machine will stop immediately if yarn breakage is detected

ETV
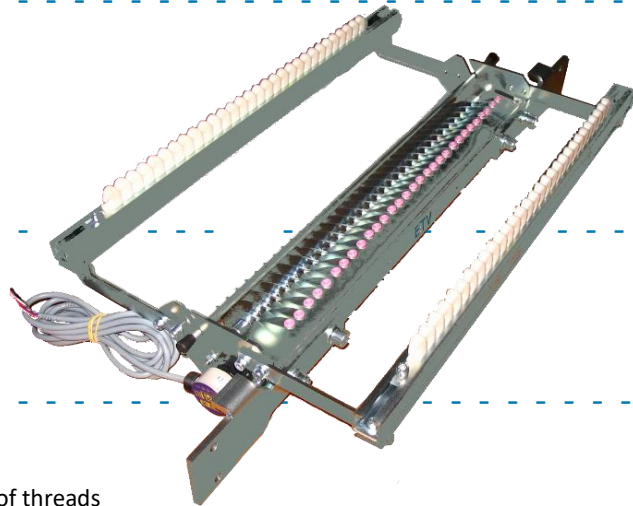EFFICIENCY IN TEXTILES IS OUR VALUE

Technical Specifications

Overview:

Our OPTICAL-YARN yarn breakage detection system comes with ETV's OPTI control unit for up to 10 cards (40 courses), including two separate inputs for the left and right side, automated machine stop, startup timer and yarn breakage warning lights for each course.

Dimensions:

Opti –dimensions: 300X300x200 mm   weight: 6 kg

Frame – dimensions: 65 mm x number of threads x 100

weight: depends on the number of threads

Optional peripherals:

- Printers
- Production data management interface

Technical specifications:

- Touch-In sensor, adjustable to match the number of threads

- Specific dancer roller based on the type of yarn

- Double servo control circuit

- 24V DC warning light

- Stabilization and signal interlock circuit

- Machine stop circuit

- Electronic regulated power supply +/-15% 220V 50/60Hz with fuse protection.

made in Italy