

datalogtechnologies.com



Production Counter for

- Weaving (Looms, Warping, Sizing and Processing Machines)
- Knitting (Circular, Flat, Warp, etc.,)
- Spinning (All Spinning Machines)

Since 1993 and over 500 installations
across the globe



A journey that created a wave in the textile industry.

S Gopalakrishnan and CB Krishnan started their journey as R&D engineers in a company manufacturing textile electronics in collaboration with a Swiss firm. With a vision to become leading innovators in the field of textile monitoring systems, the company ventured into the market with small yet firm steps. Their innovations aligned with their vision. A team of highly skilled R&D experts contributed to the development of state of the art monitoring systems that provide unparalleled quality and reliability at an affordable cost to customers who value long term benefits. Over the years the company has built a strong presence nationally and internationally, covering over 40,000 machines in more than 500 mills, spanning several countries - Indonesia, Rwanda, Mauritius, Bangladesh, Australia, Thailand, Madagascar, Egypt, México, Ecuador, Argentina, Colombia, Nigeria, Turkey, Malaysia, USA and the list goes on. The name Datalog is now synonymous with Monitoring Systems for Textile Mills. At Datalog constant innovation with quality is the motto. 25 years later the company has carved a name for itself in the industry, primarily known for its innovative quality, reliability and credibility around the world. The long list of 400 plus customers is a testimony for its position in the industry

Production Counter

Production Counter is an essential requirement in any Textile Machine. The recording of Production Produced is inevitable to ensure accounting of the product produced.

Many machines are invariably equipped with Mechanical Pick counters or Olden Type Electronic Meters. These counters are prone to wear and tear of the gear wheels which perform the counting of the picks production and hence accuracy is compromised. Also these counters are to be reset at the end of the Shift which is a tedious task for the floor level Supervisors. Any delay in mechanical resetting directly affects the Production recorded.

Production Counter

Precision Monitoring with Datalog Production Counters

- Datalog Production Counters are very accurate and have very little maintenance since there are no moving parts. The Electronic counter is a stand-alone unit. It senses the Production through a Proximity Sensor fitted on the Delivery Shaft or by receiving signals from the machine panel via a signal cable.
- In addition to this, these Production Counters can also detect 5 different types of stops connected to the machine panel.
- Using the above two data, these Production Counters can show the Production and Actual Efficiency of the Machine.
- Production Counters has a Keyboard and Display to view various parameters like Production, Stoppage, Efficiency, etc.,

Features and Functions:

Weaving / Looms :

- Speed in Picks per Minute
- Production in Picks
- Production in Meters
- Stop Reason & Time - Warp, Weft, (leno, Selvedge, etc.,)
- A% - Actual Efficiency
- P% - Production Efficiency

Weaving Preparatory & Processing Machines (Warping, Sizing, etc.,) :

- Speed in rpm
- Production in Meters
- Stop Reason & Time
- A% - Actual Efficiency
- P% - Production Efficiency

Knitting :

- Speed in rpm
- Production in Kgs
- Production in Revolutions
- Stop Reason & Time - Yarn Break, Door Open, Needle Break, etc.,
- A% - Actual Efficiency
- P% - Production Efficiency

Spinning :

- Speed in rpm
- Production in Hanks, Kgs
- Delivery Rate in M/Mi (Meters per minute)
- Stop Reason & Time
- A% - Actual Efficiency
- P% - Production Efficiency

Optional Attachments

Power Monitor

- These Production Counters can be connected to Datalog Power Monitor to measure and display the Power Parameters like Voltage, Current, PF, KWH, KVA, etc.,

Air Consumption Monitor

- These Production Counters can be connected to Datalog Air Flow Interface connected to the Air Flow Meters on the machine to measure and display the Air Consumption (CFM)

Dash Board Display, Score Boards

- To Display the Parameters Monitored by the Production Counters





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