



DATALOG[®]

**ON LINE MONITORING SYSTEM for
WEAVING PREPARATORY & PROCESSING**



SINCE 25 YEARS

300 INSTALLATIONS AROUND THE GLOBE

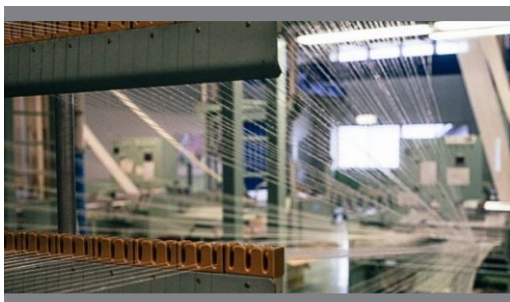
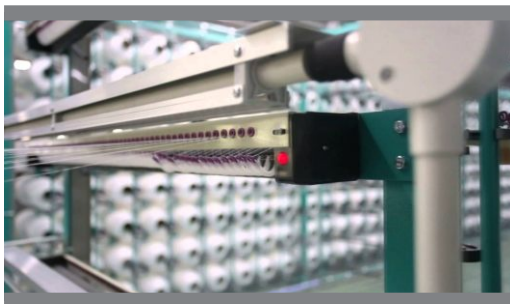
Warping - Sectional / Direct ■ Sizing ■ Beaming / Rebeaming / Knotting / Gaiting
Dyeing - Warp / Slasher / Rope ■ Stenter ■ Dryer ■ Other machines



ON LINE MONITORING SYSTEM for WEAVING PREPARATORY & PROCESSING

DATALOG - On Line Monitoring System for Weaving Preparatory and Processing System is a Web Based system equipped with state of the art Micro Controller based MACHINE TERMINAL with Touch Screen Display / User Specific Keyboard to monitor the Preparatory and Processing machines in Weaving Mills.

- The system automatically measures & records the Production, Stoppage and Speed information.
- A Computer connected in the IT-Network collects these information ON LINE through WIRELESS technology.
- Web Based Software processes the data from the Machines.
- Process includes Capturing, Sorting, Storing, Retrieving, Calculating and Displaying various User friendly Reports & Screens.
- Software comes with inbuilt reports for Monitoring Productivity, Stoppage, Efficiency, etc., Analysis.
- Customised reports can be programmed as per the customer requirement.
- Users can access these information through the web browsers based on their access levels from remote locations.
- The system also allows multiple users to access the data simultaneously.



HARDWARE FEATURES OF MACHINE TERMINAL ON EACH MACHINE

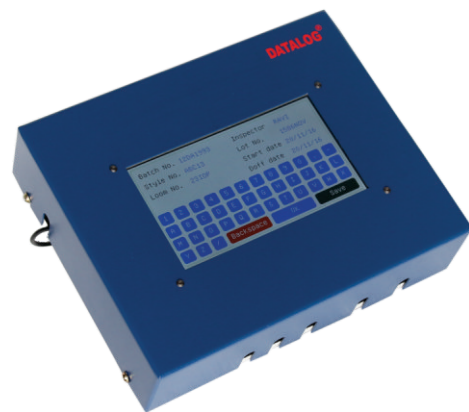
- Speed - Continuous monitoring of the speed during machine running
- Production - Continuous monitoring of Production during machine running
- Stoppage - Records each stop with time stamp
- Records Yarn Break Signal
- Efficiency - Calculates Efficiency based on the Machine running
- Stops can be classified by various stop reasons by entering the Stop Code reason on the Machine Terminal
- Stop Alarm / Relay Output - on reaching the Production Order Length

SOFTWARE

Web Based software that can be accessed across the Plant and outside the plant through internet will have the following options

○ Standards & Assignments

- Machine
- Style / Article
- Beam
- Operator
- Supplier
- Stop Code
- Batch
- Waste



○ Entries Available In The System

- Warping Operator Order - Entry on Computer by Production Management team
- Article Data - Entry on Computer by Production Management team
- Waste Entry

○ Reports & Screens

- Machine Wise / Order Wise / Style Wise / Operator Wise reports
- Current Shift / Completed Shift / Completed Day / From To Period Reports
- Graphical and Text Reports
- Production report - Showing Theoretical & Practical Production and difference
- Stoppage report
- Efficiency report
- Yarn Break report
- Salary Calculation based on Productivity

○ ERP Interface

- Export - Automatic Data Transfer of Data monitored by DATALOG to ERP at preset interval
- Import - Automatic Data Transfer of Master Data from ERP to Datalog as applicable





Manufactured by

DATALOG TECHNOLOGIES P. LTD.,

72, V.V.K. Nagar, Vellakinaru, COIMBATORE - 641 029, INDIA.

TEL : 91- 422 - 2647644, 2648644.

M : 99524 39014 / 15

Whatsapp : 99524 39014

E : info@datalog.co.in

W : www.datalogtechnologies.com