

Since 1993 &
Over **400** Installations
Around **30000** Machines
Across the Globe



spin
profits
non-stop



Real Time Monitoring System for Spinning

Blow Room | Carding | Draw Frame | Comber
Lap Former | Roving | Ring Frame | Winding

Production Monitoring
Power Monitoring
Air Consumption
Spare Parts Failure Analysis
Inverter Control
Maintenance Scheduling
& Break-down Maintenance
Including Costing

**Trusted by leading mills world wide
in over 400 mills on over 30000 machines**

About Us

Since its inception in 1993, Datalog has installations in India, Indonesia, Rwanda, Mauritius, Bangladesh, Thailand, Madagascar, Egypt, Mexico, Ecuador, Argentina, Colombia, Nigeria, Turkey, Malaysia, USA, Morocco, Tunisia etc.,

Monitor Performance & Enhance Productivity using DATALOG

Productivity is assured by continuous monitoring of performance of every single Machine in the mill. Unwanted stoppages can throw a spanner in the works and drastically impact production schedules. That is why it is imperative to invest in **DATALOG On Line Monitoring System** for Spinning to monitor the Spinning Shed 24 X 7.

Datalog system facilitates continuous monitoring of each Machine individually & collectively. Data is processed and useful reports are generated. The web based software helps in seamless running of operations, contributing to better productivity which translates into higher PROFITS.

Integrated information of all types of Machine in one software. Reduce Machine Down Time by Continuous monitoring.

Configuration of DATALOG Installation



Machine Terminal

The Machine Terminal comes with an in-built microprocessor, a user friendly keyboard and display for ease of operations. The data collected from the machines are transferred to a central computer Online & View all information on Machine Terminal fitted on every Machine.

Two Alarms A1 & A2 are provided on the machine terminal keyboard which can be programmed as per user requirement.

Software

Web based **D-Smart** software collects the data from the Machine Terminals and generates various reports.

D-Smart arranges the data in well-structured reports, which can be easily interpreted. The reports can be called through the Menu Driven User Friendly Software. GUI nature of the software eliminates the complicated keystrokes and codes. It has the facility to transfer the data to any ERP system. The software can be access from various nodes across the plant. Web based software & hence easy to access the data from within or outside the mill(during travel). Can be accessed from PC, TAB, Mobile etc., through Intranet / Internet.



Higher Profits through Higher Productivity using DATALOG

Monitor

Measure

Interpret

Intervene

Swot Analysis

Automatic Email

Mobile App

ERP Interface

SMS Alerts

Large Panel Display

SCORE Board

RFID Interface

Barcode Interface

Finger Print



REAL TIME MONITORING SYSTEM
to Enhance Productivity, Efficiency & Quality

PRODUCTION

STOPPAGE

EFFICIENCY

ENERGY

MAN POWER

REPORTS

SNAP STUDY

DASH BOARDS

RPM

DOFF

Doff

Creel Stop

Other Stop

Actual

Air Consumption

Power Consumption

Operator

Production

Management Reports

Overall / Shed

M / MI

Kgs

Time Stamp

Production

Instantaneous

Voltage / Current

Supervisor

Stoppage

Power Report

Production

TPI / TPM

Hanks

Stop / Hr

Operator

Average

Kwh / KVA

Fitter

Efficiency

Exception Reports

Stoppage

COP Build Up Vs Speed

Ukg

Lapping

Supervisor

Cummulative

PF

Automatic Operator Planning

Performance

Comparison Report

Efficiency / Speed

Trend Graph

Graphical / Text

Doff Reports

Periodical Report Hourly

Section / Group

Efficiency Based Incentive

Cost

Planning

Long Term - True Drill Down Reports

Power / Air Consumption

Customised User Reports

Speed Graph

Temperature & Humidity

Products | Range | Options of DATALOG On Line Monitoring System for Spinning

Production, Stoppage & Efficiency

Machine Wise, Article Wise, Operator Wise

Air Consumption - Optional

Machine wise, Group Wise, Line Wise & at Compressor

Power - Optional

Machine Wise, DB wise, SSB Wise, Lighting Load Wise, at Power House, Humidification Plant, Compressor

Humidity & Temperature Optional

At various points inside the shed

Spare Parts Failure Analysis

Air Consumption Monitoring - Optional



CFM at each Point is monitored continuously to provide

- Instantaneous / Average / Cumulative CFM
- CFM / Kg Produced
- Air Consumption Report in Text & Graph
- Machine Wise / Shift Wise / Operator Wise / Shed Wise
- By Monitoring CFM Consumed – Cost per Kg can be analyzed
- Optimize Speed vs CFM consumed
- Prevent Avoidable stops / Breakdowns
- Air Consumption (Machine wise, Group Wise, Line Wise, at Compressor)

Power Monitoring - Optional

Analysing Power Consumption Reports will help mills to

- Reduce Power Bills (Cost)
- Arrive at Cost / Kg produced
- Speed vs Power Consumed
- Quality of Power
- Monitor Health of Motor and other related hardware
- Power (Machine Wise, DB wise, SSB Wise, Lighting Load Wise, at Power House, Humidification Plant, Compressor)



Humidity & Temperature Monitoring - Optional

- Analyse RH & Temp. variations at different points inside the shed
- Optimize RH & Temp. for best Shed Running Condition
- Humidity & Temperature (At various points inside the shed)

Models & Optional Attachments

Machine Terminal with Finger Print Sensor for Registering

- Operator ID / Attendance
- Supervisor ID / Attendance

Machine Terminal with Bar-Code Interface or RFID Interface for Registering

- Article
- Operator ID / Attendance
- Supervisor ID / Attendance



Machine Terminal with Fabric Defect Entry for Registering

- Fabric Defect on the Machine

Machine Terminal with Doff Stop

- Automatic Machine stop @ Preset / Kgs / Length

Machine Terminal with Light Indication Arrangement

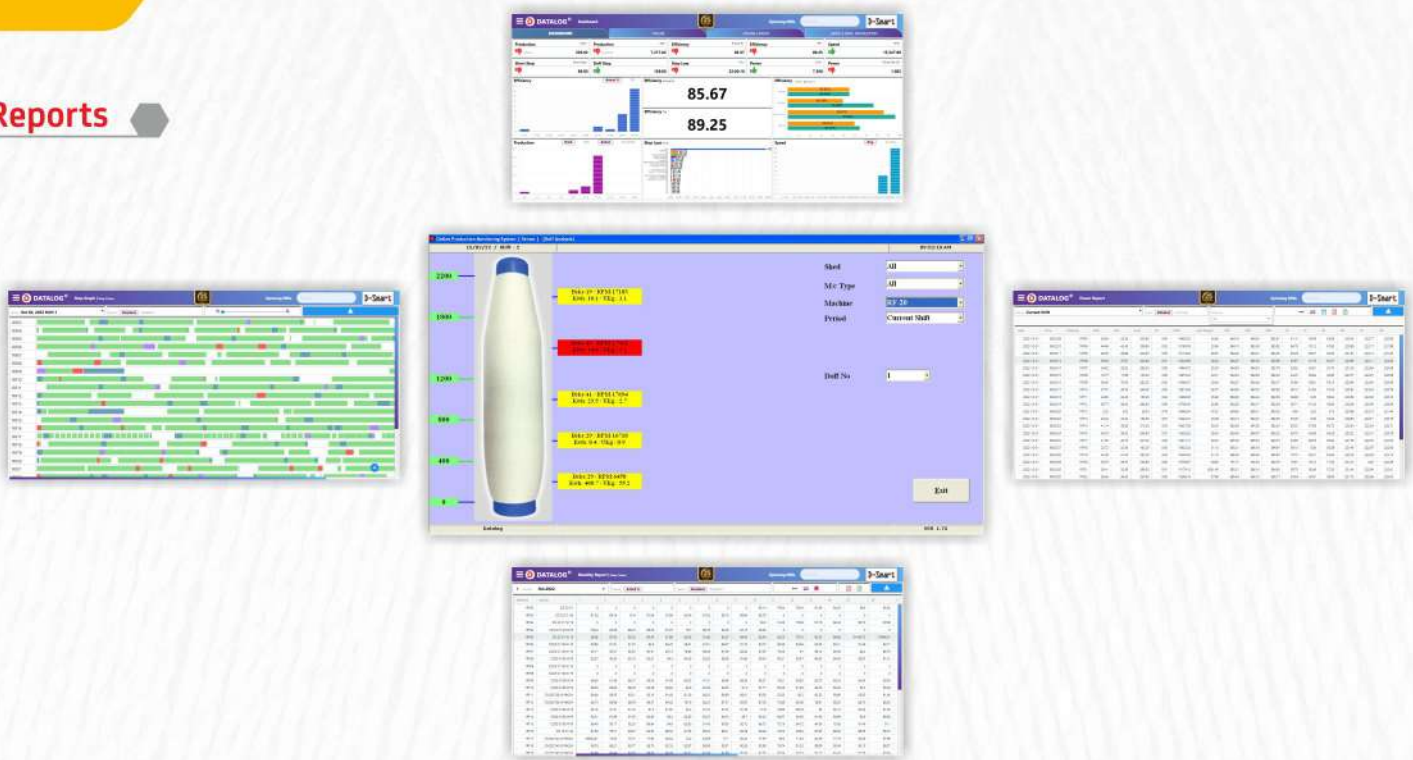
- To provide various Indications for any pre-set parameter

Score Board in 3 Sizes

- For every Machine
- For Group of Machines
- For Shed or Central Location



Reports



OTHER PRODUCTS

REAL TIME MONITORING SYSTEM FOR

Weaving

Knitting

Fabric
Inspection

SOFTWARE FOR

Maintenance Scheduling & Break-down Maintenance Including Costing



Marketed by :

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