



CLD Datalogger

Online Data Acquisition System for TFO
Machine



Classicloomdata.com

Online Data Acquisition System For TFO Machine

Classic Loom Data Online Data Acquisition System for TFO Machine facilitates continuous monitoring of each machine. Various parameters like weight and the length of the TFO Machine Fabric can be had at the click of a button. The TFO Machine performance can be significantly enhanced.

The Classic Loom Data system helps in seamless running of the TFO operation and contributes to better productivity. Trusted by leading mills worldwide, the Classic Loom Data Online Data Acquisition System for TFO is designed to deliver results, consistently. By taking the appropriate steps the efficiency of the Shed / Operator can be increased immediately.

Classic Loom Data at the heart of productivity

When it comes to providing total solutions for textile automation, Classic Loom Data is in a league on its own. Incorporating innovative technologies Classic Loom Data manufactures Online Data Acquisition Systems for Spinning, Weaving, Knitting, TFO Machine and Fabric Inspection .

For the past one and a half decades, the company has quietly established its reputation as a trusted partner in progress for customers across India, All over India. Strong focus on R&D and a clear perception of customer requirements have contributed to Classic Loom Data's ability to provide customized solutions to help improve productivity and quality.

Classic Loom Data's facilities are top-of-the-line. A dedicated team of engineers backed by highly experienced people at the helm ensure that every product from their stable delivers results.

Benefits of Data Acquisition System

- Integrated information solutions covering all types of TFO Machine
- Viewing of Production, Stoppage, Efficiency & Speed information on the machine
- Various reports on Production, Stoppage, Efficiency, etc
- Order Planning and Yarn Production reports
- Comparison reports on Machines, Weavers, Shifts, etc.,
- Performance reports for Top Level Management
- Snap Study on Running / Stopped Looms
- Exception reports on Efficiency, Production & Stoppage limits
- Easy identification of Efficiency of the machines in different colours
- Various Graphical reports in Line graph, Bar graph, 3D Pie Chart, Scattered graph
- Efficiency Trend Graph of a Shift, Day
- Modular design & hence easy to add new machines
- ERP Interface / Excel Transfer

Data Collection Unit

A Data Collection Unit is installed on each machine to monitor Production and Power data (optional). Data Collection Units are connected through the Data Communication Unit to the Central Computer that generates various reports. Connection from the Data Collection Units to the central computer can be wired or wireless. Data collection unit has Two Types

Single M/c Type

Using this type, collect the data from one machine. It has

- *keyboard with LCD display Model
- *Without Keyboard Seven Segment Model



Keyboard with LCD display Model

This model have a small LCD display and with key pad. Display will show current RPM, Breakage, efficiency etc..Also Operator can put stop codes (eg. 55 = Mechanical, 56 = electrical or 57= waiting for parts etc...) (These codes have must be pre-defined in the system)

7 Segment Display Model

Without key board all input the options are available in the computer system only, Auto roll doffing attached to it. Machine will automatically Stop when reaches the specified meter and the red indicator will blink. Reset key is available to reset or restart the machine. Big display (Seven segment display)

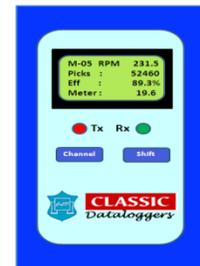


Multichannel M/c Type

Using this type, Collect the data from group of machines . It is very efficient and cost effective model. It also has

- * Keyboard with LCD display Model
- *Without Keyboard Seven Segment Display

LCD Display will show RPM, Breakage, Efficiency etc. By selecting key we can see the Machine information vice versa.



Stop Code/Sort/Weaver Assignment Entry Device:

This Common Device is used for assigning the sort details, Stop code details& weaver details by selecting the machine number and entering the details through the keyboard.

Software :

The computer on which the Online Data Acquisition system software is installed, collects the data from the Data Collection Unit through the data Communication Unit and generates various reports.

The software acquires the data From the looms and arranges 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 laminates the complicated keystrokes and codes. It has The Facility to transfer the data to an ERP system. The software can be installed on various nodes across the plant.

Software

Software is installed on the Central Computer collects the data from the Data Collection Unit through the Data Communication unit and generates various reports. It has the facility to transfer the data to an ERP system / EXCEL. The software can be installed on various Nodes across the plant.



Report Structure

Reports are available in the following options:

Text & Graphical Reports

Machine Wise, Style Wise, Weaver Wise, Order wise, Operator Group wise, Supervisor Wise, Yarn Supplier wise, Beam wise, Department Wise & Machine type Wise

Production Reports, Stoppage Reports, Beam Planning, Efficiency Reports, Performance Reports, Roll Doff, Efficiency Trend Graphs, Comparison Reports & Assignment Reports



The above reports can be called on the screen or on the printer. The user can get all the information at their fingertips.

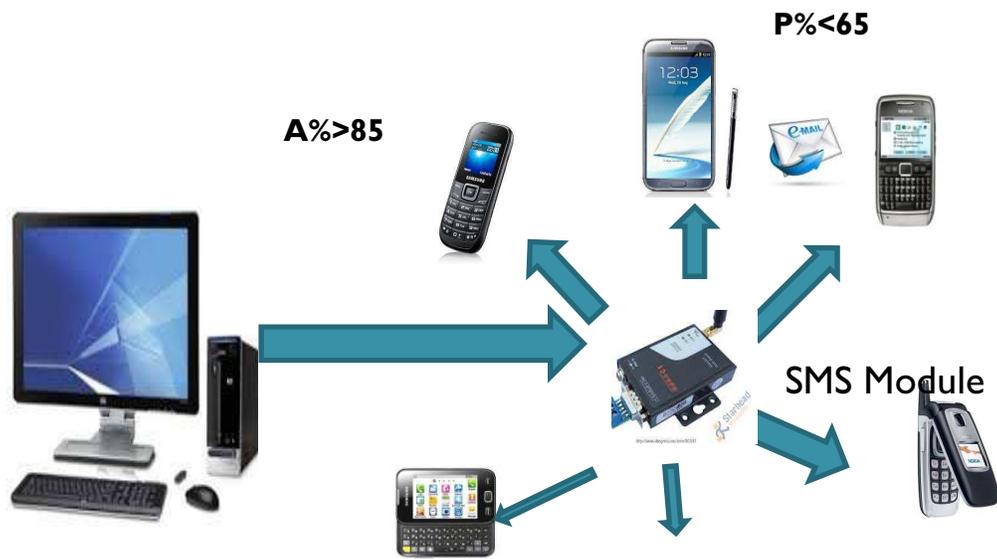
By taking the appropriate steps the efficiency of the Shed / Weaver can be increased immediately.

Classic Loom Data SMS/Mail Alerts

Monitoring the performance of your mill has never been this easy. Classic Loom Data will keep you connected wherever you're in the world. Classic Loom Data SMS/Mail Alerts

Module will send you alerts automatically on Production, Efficiency, Stoppage, Minutes per

Stop, Breaks per Hour and other required information as and when it reaches a preset value of your choice.



Advantage:

End of Shift and End of Day data alerts, various alerts at selected intervals (eg. Every hour) can be sent by SMS/Mail to various mobile numbers/Mail ids of customer's choice.

Classic Loom Data SMS Module comes with a hardware for installing SIM Card and a software to program the mobile phone numbers, alerts and the frequency of alerts.

Classic Loom Data keeps you connected with your mill 24 x 7 around the world.

Put up a Score Board. Step up productivity (Optional):



Classic Loom Data also offers you Score Board as an optional product available in two sizes.

The large display score board displays the performance efficiency of the shed and helps to motivate floor level workers. In Other words, Score Board can be used as a performance enhancing tool by letting the workers know for Sure where they stand in terms of overall performance. It offers a psychological boost to the workers to optimize their performance level.

Score Board helps workers to assess their own performance and score better in their subsequent operations.

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