CLD Datalogger

Online Data Acquisition System for Knitting

Online Acquisition System for Knitting

230.6
86.4%

P/MI
Eff

9 8 7
Mtr Pick 6 5 4
Stop Eff 3 2 1
Set S.C 0

TX RX

CLASSIC Dataloggers

M-05 RPM
Picks   231.5
Eff :   52460
Meter: 89.3%
             19.6

Tx   Rx

Channel

Shift

CLASSIC Dataloggers

Monitor Knitting Performance. Enhance Productivity

Classic Loom Data Online Data Acquistion System for knitting facilitates continuous monitoring of each machine. Various parameters like weight and the length of the knitted fabric can be had at the click of a button. The knitting performance can be significantly enhanced.

The Classic Loom Data system helps in seamless running of the knitting operation and contributes to better productivity. Trusted by leading mills worldwide, the Classic Loom Data Online Data Acquistion System for Knitting 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 Acquistion Systems for Spinning, Weaving, Knitting 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.

Online Acquisition System for Knitting

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.

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 or57= 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
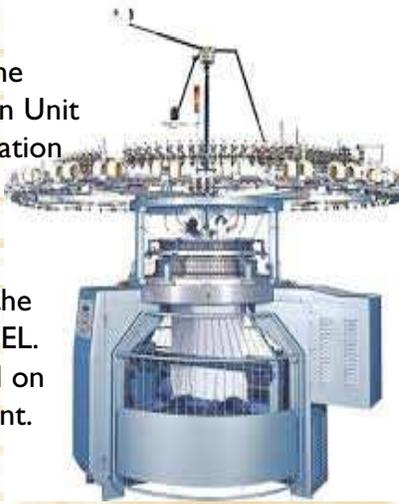across the plant.

Online Acquisition System for Knitting

Salient Features

•Integrated information solutions covering all types of Machines
•Viewing of Production, Stoppage, Efficiency & Speed Information on the machine
•Various reports on Production, Stoppage, Efficiency, etc.,
•Order Planning and Yarn consumption reports
•Comparison reports on Machines,
•Operators, Shifts, etc.,
•Performance reports for Top Level Management
•Snap Study on Running / Stopped machines
•Exception reports on Efficiency, Production & Stoppage limits
•Easy identification of Efficiency of the machines
•In different colours
•Various Graphical reports
•Efficiency Trend Graph for a Shift, Day
•Modular design & hence easy to add new machines
•ERP Interface / Excel Transfer

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.

Classic Loom Data SMS/Mail Alerts(Optional)

Classic Loom Data SMS/Mail Module can send 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 customer's choice.
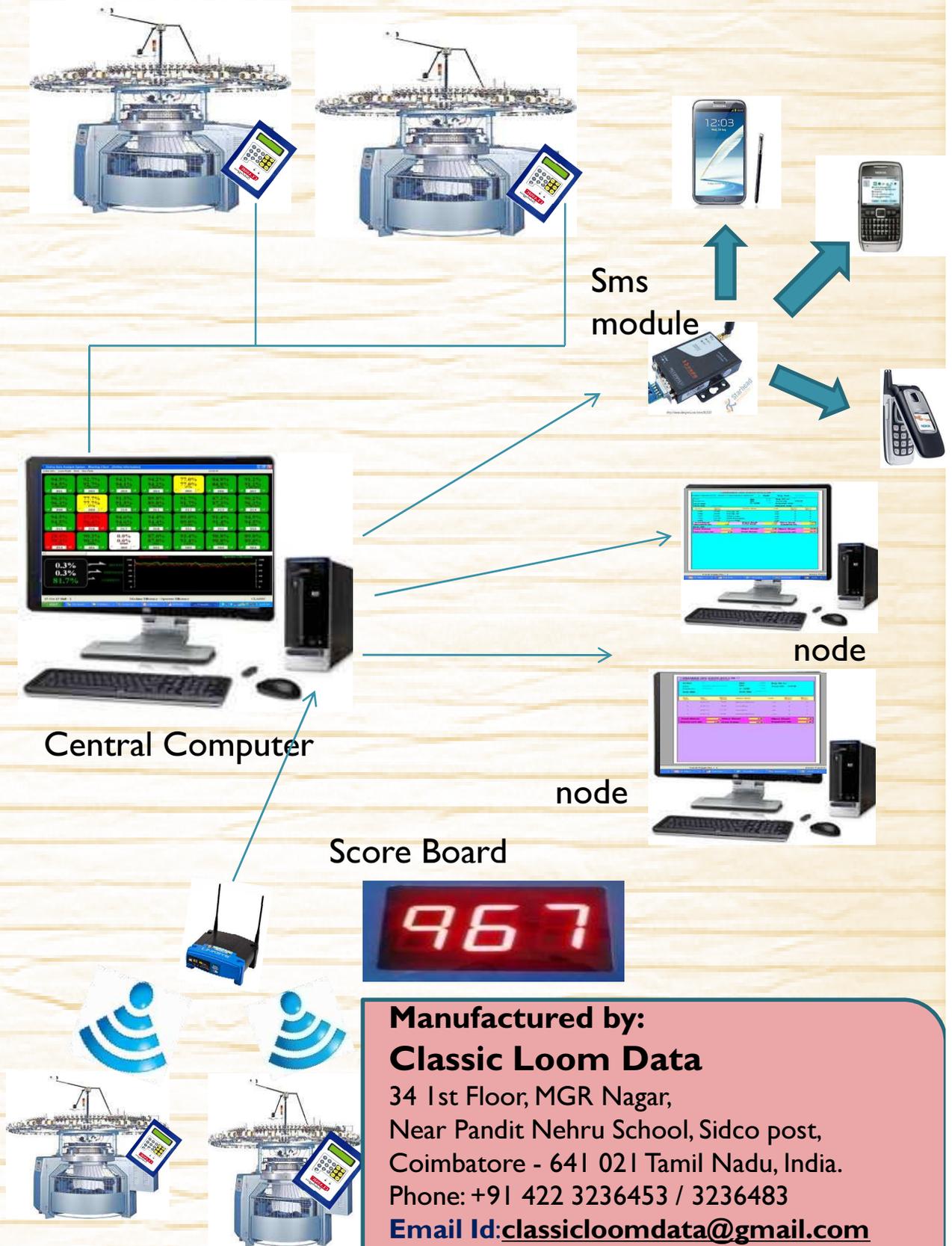
Classic Loom Data SMS Module comes with a hardware for installing SIM Card and a software to program the mobile phone numbers, alerts and the frequency of alerts.
End of Shift and End of Day data alerts. Various alerts at selected intervals (eg. Every hour)SMS/mail can be sent to various mobile numbers/Mail ids of customer's choice

Score Board (Optional)

The large display score board displays the performance efficiency of the shed And helps to motivate floor level workers. It offers a psychological boost to the workers to optimise their Performance level. Score Board helps workers to assess their own performance and score better in their subsequent operations.

Online Acquisition System for Knitting

Sms module

Central Computer

node

node

Score Board

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