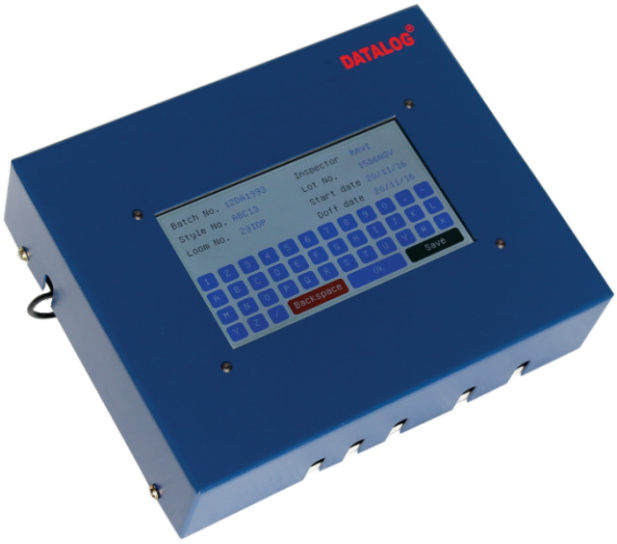
DATALOG®

FABRIC INSPECTION SYSTEM

Model No.: DL-FIT-WL-TS



SINCE 25 YEARS

300 INSTALLATIONS

AROUND THE GLOBE

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DATALOG®

FABRIC INSPECTION SYSTEM

DATALOG - Fabric Inspection System is a Web Based system equipped with state of art Micro Controller based FABRIC INSPECTION TERMINAL (FIT) with Touch Screen Display / User Specific Keyboard that replaces the conventional way of manual recording.

- Inspector with ease can enter Fabric Defects & Points on the FABRIC INSPECTION TERMINAL (FIT) by gently pressing the pre defined Defect & Points.
- The system automatically measures & records Fabric Length at which the Defect & Point has occurred using the Shaft Encoder connected to FIT.
- A Computer connected in IT-Network collects information recorded by inspector on FIT through WIRELESS technology.
- Web Based Software processes these data from the FIT.
- Process includes Capturing, Sorting, Storing, Retrieving, Calculating and Displaying various User friendly Reports & Screens.
- This software is also designed with an unique artificial intelligent logic to generate Automatic Cutting Plan to achieve maximum possible realization from inspected fabric based grading specifications defined by mills.
- **Automatic Cutting Plan** is displayed in Graph and Text
- Software comes with inbuilt reports for Monitoring Productivity, Realization and Defect Analysis.
- Customised reports can be programmed.
- Users can access these information through web browser based on their access levels from remote locations.
- System also allows multiple users to access data simultaneously.
- System can automatically use different Grading Standard for Different Buyer.

BENEFITS

- Paperless since Data is being stored on FIT / Computer
- Error Free recording since entry is on User Specific design
- Fabric Length is measured automatically using Shaft Encoder and hence 100% accuracy.
- Point of Defect Occurrence is accurate since length is measured using Shaft Encoder
- Graphical view of Defect Mapping is generated from system and hence easy for decision making
- Fabric Classification (Grading of Rolls) is done automatically by system and hence laborious process of Manual Grading can be avoided
- Automatic Cutting Plan is available from system at the end of a Master Batch Roll in Graph & Text and hence easy to make Rolls
- Inbuilt Productivity Reports ▼ Inbuilt Realisation Reports ▼ Inbuilt Defect Analysis Reports
- Reports are in drill-down form, Starts from overview to the deep-root to enable easy and meaningful analysis for the users
- Easy to Train & Operate
- Assisted Cutting Terminal - To install the system on Cutting Table to stop the Machine as per the cutting plan
- Provision for ERP Interface

OPTIONAL

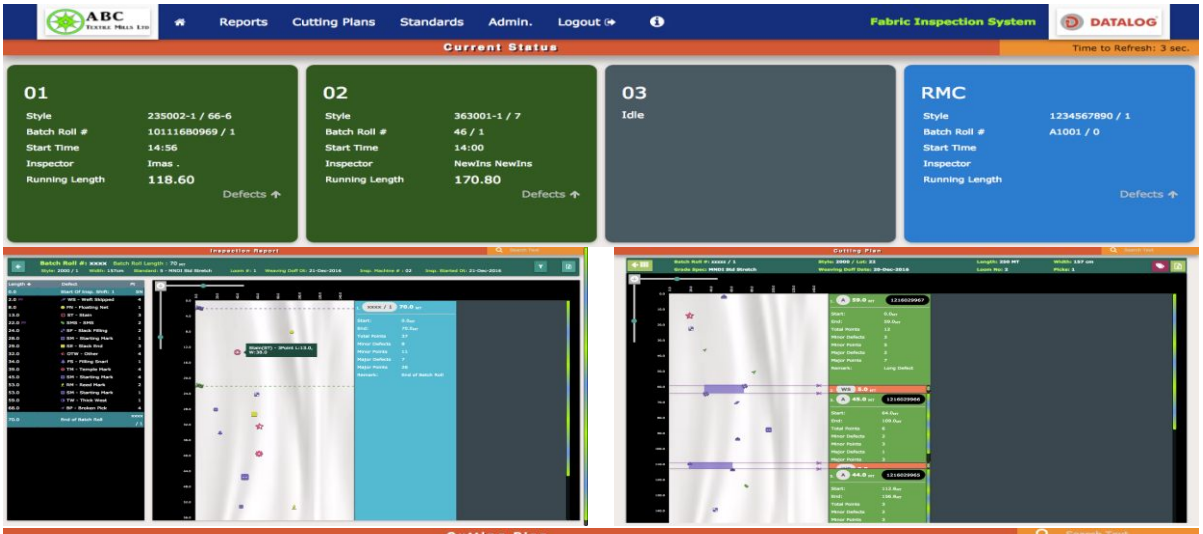
- Label Printing for each Roll in Text / Barcode
- Weighing Scale interface for Roll weight
- Barcode scanner interface for capturing Batch Roll information
- Audio / Video Indication alerts for the operator

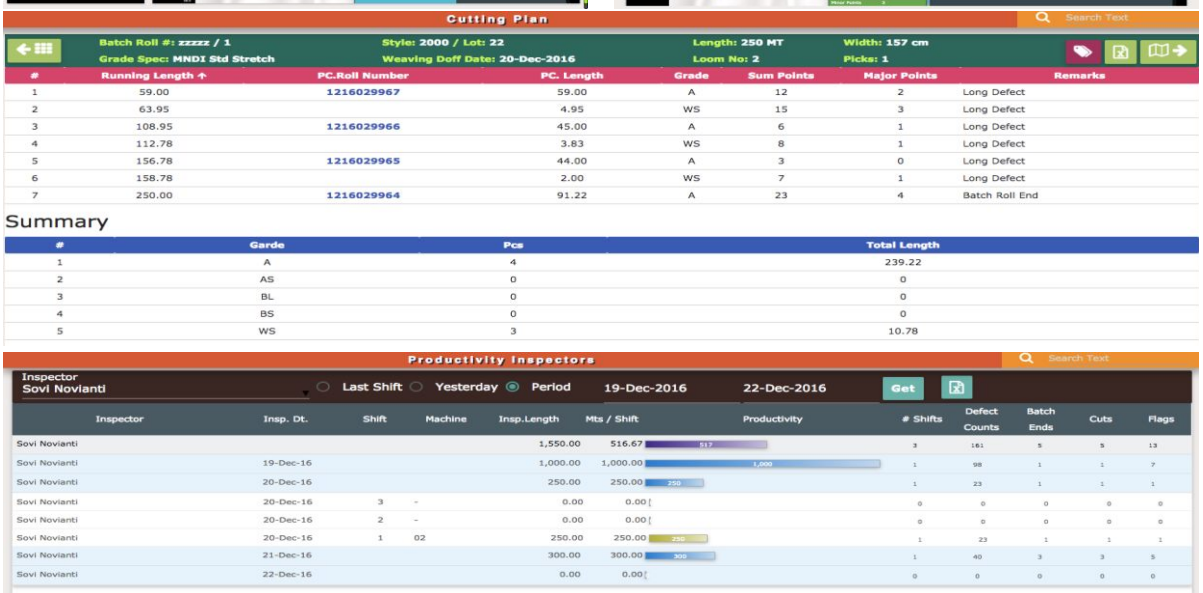
FEATURES

- Defect Codes can be customized as per mill requirement using colour and symbol
- Defect Keys can be Grouped and Coloured as per mill requirement
- Defect Keys can be Positioned as per mill requirement on FIT
- Classification of defects with respect to Department available (Weaving Defects, Sizing Defects, etc.,)
- Fabric Width can be entered at periodical intervals
- Flags can be marked on the FIT during inspection
- Long Defects can be entered on the FIT
- Horizontal Defect Position can be entered on the FIT
- Recording of Batch Ends / Roll Ends.
- Option to enter Manual Roll / Piece Cutting by the Inspector
- Easy to access from anywhere as software is Web - Based
- Defect Map with Zoom in / out facility

REPORTS / SCREENS

Users & Permissions | Defects Master | Grading Standard / Specifications | Online Screen for All Inspection table
Online Screen for Selected Inspection table | Online Inspection Report | Online Defect Map Report
Cutting Plan in Graphical View | Cutting Plan in Tabular View | Productivity Report for Individual Table
Productivity Report for Inspector | Realization Report for Individual Table | Realization Report for Style
Realization Report for Loom | Defect Mapping Report





DATALOG®

Manufactured by

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