

Real Time Automation

Monitoring, Planning and Data Collection for Textile Companies



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graph TD; A[Real Time Automation Software] --> B[Warping]; B --> C[Weaving]; C --> D[Dyeing]; D --> E[Finishing]; E --> F[Inspecting]; F --> G[Full control of production cycles];
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Real Time Automation Software

Warping

Weaving

Dyeing

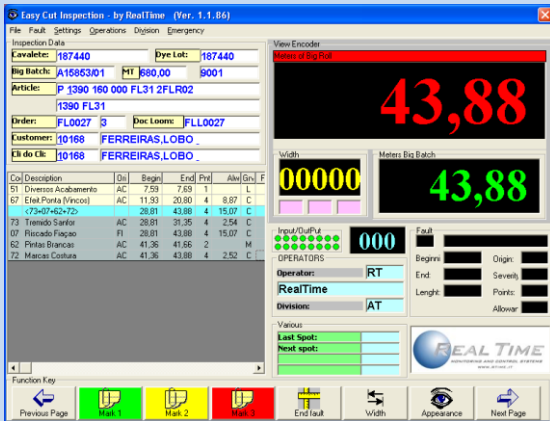
Finishing

Inspecting

Full control of
production cycles

- Monitoring, planning and controlling of the production cycles
- Information on the efficiency of departments and machines
- Optimization of production cycles based on collected data
- Real Time Location Systems

Big Roll to Big Roll Inspection

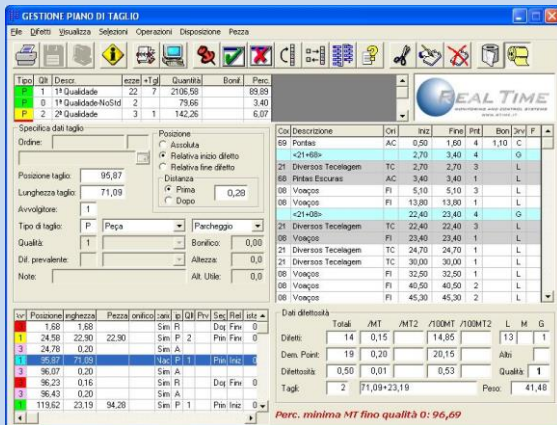


Allows the Operator to insert all the starting data (Production Order, Batch,...) and all the defects by using the precious help of the Touch Screen Technology.

At the end of the inspection the big coil is ready in order to be optimized by the quality manager through the optimization program.

Defects can also be collected by camera systems.

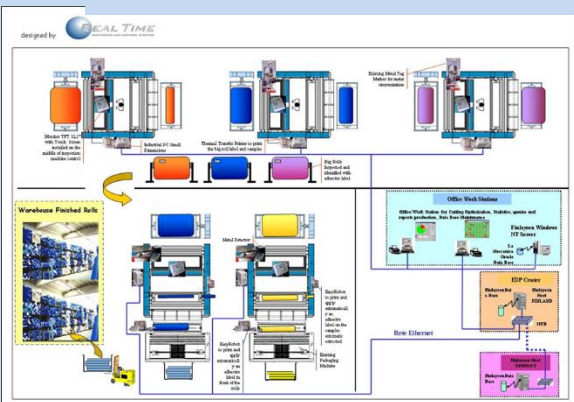
Optimization



Supervisors are free to customize for each final customer and for each article all the rules for the calculation of:

- Quality
- Demerit Point
- Allowance
- Cutting Plan
- Sample cutting
- Waste cutting

Final Cut



After the optimization the big Roll is ready to be cut on manual or automatic machines.

The synchronization between the first inspection and the final cut is made by infrared spots of ink or metallic labels.

The cut roll can be labelled by automatic labels applicators.