Datatex Automation GmbH

CATS

Datatex Automation GmbH is a subsidiary of the **Datatex AG group**. Datatex develops and distributes the worldwide leading software for the textile and apparel industries**.** Datatex Automation develops and implements **shop floor applications** for data collection and systems with special features for the cloth inspection.

In addition Datatex Automation develops and distributes special solutions for any kind of industrial shop floor applications.

CATS - Computer Aided Textile Supervision

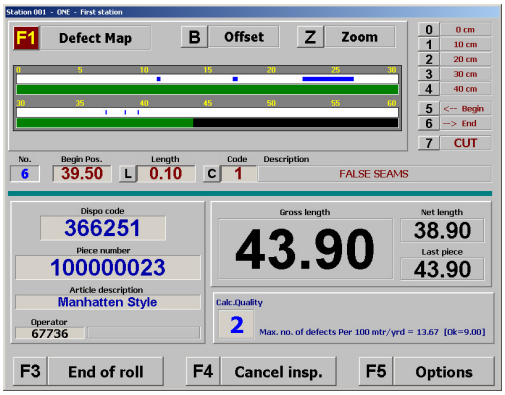
The CATS system is the inspection solution for many textile companies and all required functionality is standard. The software package is using a highly flexible tool allowing to design functions and screens as required for optimal man machine communication.

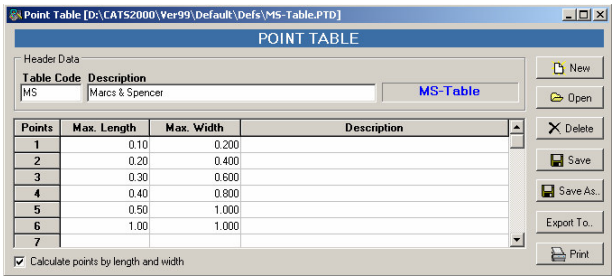
Typical applications are . . .

- **Final inspection** with automatic classification
- Applicable for the **greige inspection**
- **Cut optimization** to increase the output of 1st quality and to reduce waste
- Control of **transport**, **packaging** and **palletizing** systems
- Integration of **laboratory stations** for shading control

Final- and greige inspection. . .

- Classification is continiously calculated during the entire inspection process
- Free definable point and allowance systems
- Free definable label, ticket and report prints
- Waste cutting with waste code and length
- Simple handling of several pieces on the same roll
- Re-Inspection of a roll, runing the reversed fault map
- Simple handling of suspended rolls, with the possibility to split or add new pieces





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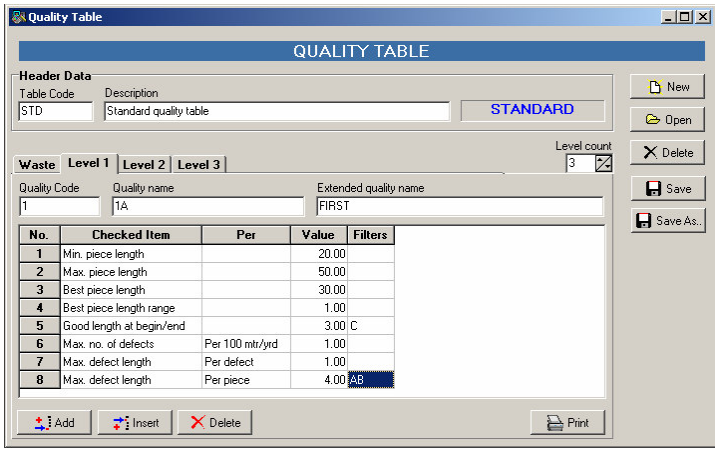
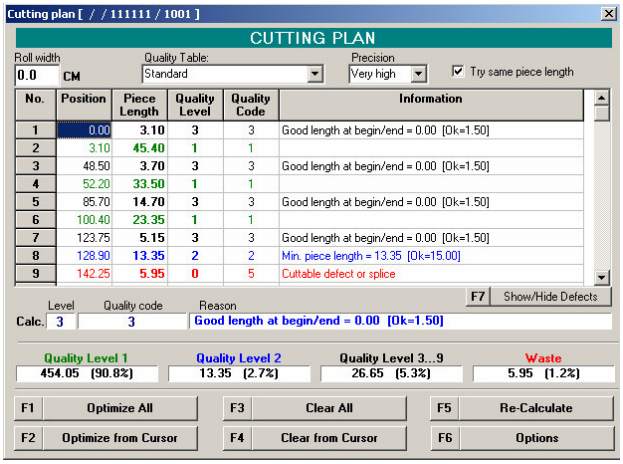
CATS - Cut Optimization . . .

In case of a pre-inspection before final cutting, the **CATS System** is ready to run the cut optimization module.
The quality defintion tables are used as a base to determine the optimal cut positions, in order to get the **maximum of 1st quality** and to avoid unnecessary waste.
The user at the cutting table is able to cut against the planed cut position. This might be needed, if a defect was corrected or new defect has to be added. In that case, the system calculates a new cutting plan, starting from the current position.





The potential for the company. . .

Depending from the amount of production a minimum increase of 1st quality may cover the cost for **CATS** Investment within a very short period of time.

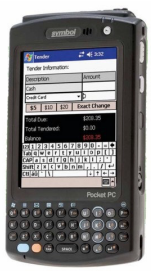
Example calculation - Cut optimization by CATS			
Total amount of 1st Quality (p.a.)	x **Increase by cut optimization**	x **Price per Meter**	= **Profit per year**
2.000.000 m	1,5 %	5,00 €	150.000,- €
5.000.000 m	1,0 %	4,00 €	200.000,- €

CATS supports. . .

CATS provides Interfaces to . . .

PLC

Handheld



Scales

Work Stations

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