

TRIM SUITE.



Less waste - more money

T.CON's new TRIM SUITE is a full-scale optimization application for the creation of patterns and cutting plans for goods in the form of reels and sheets. The suite is built for ease of use with lightning fast optimization, while allowing manual adjustments in a simple to use graphical interface. The user is also given the flexibility to optimize against several financial factors and maximize savings by defining costs for material loss, knife changes, storage or yield.

Full optionality is considered by automatically using optional contracts for a true financial optimization. TRIM SUITE can create and compare results for different penalties and it can optimize around known blemishes or defects in materials. And the entire suite was designed from the ground up to run flawlessly within the SAP environment. All of this provides our customers with cost savings and integration within one well designed package.

BENEFITS

- Reduce trim loss/waste with the help of trim optimization
- Produce the optimum quantity to serve your customers
- TRIM SUITE takes production dates into account by sorting and sequencing accordingly
- Reduce overall storage costs (e.g. future orders, stock replenishment)
- Reduce stock through optimized consumption of existing stock and planned receipts
- Minimize setup times by assigning penalty costs for knife changes
- Avoid errors by integrating checks on order attributes and technical restrictions of your resources
- TRIM SUITE saves time and money by using:
 - True optimization
(LP = Linear Programming)
 - An easy to-use interface
(drag and drop) for manual adjustments
 - A clear application layout

Companies in the reel and sheet industry frequently use a trim optimization function in order to bring semi-finished goods manufactured in large production batches to the final size required by their customers.

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ADVANTAGES

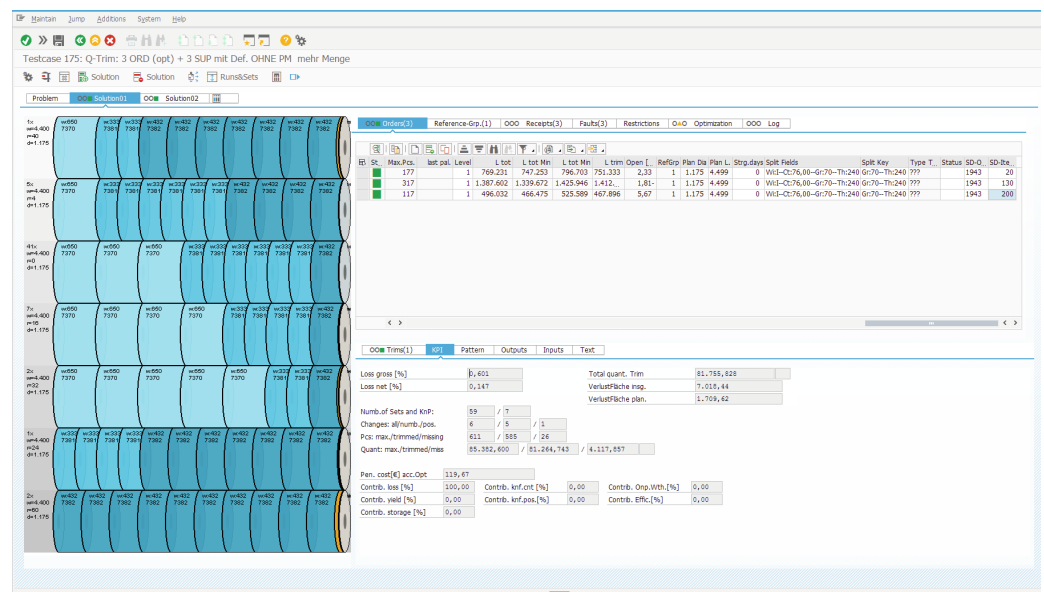
- Easily create or adjust patterns and cutting plans at any time
- Optimally combine orders
- Deploy Cut Planning within well-established ABAP stack, including SAP's standard enhancement options
- Get true optimization on a robust solver
- Integration is standard with Plug and Play in ERP, APO, and T.CON's MES CAT
- Easy to learn with innovative user interface
- Visually appealing and clear graphical user interface

FUNCTIONS / FEATURES

- Cut planning for reel and sheet (simplex, duplex, multiplex)
- Single stage and multiple stage optimization
- Use TRIM for in-house production, extern procurement or versus stock
- Quality Trim: takes defects into account automatically during optimization

- Pre-select the orders (ex. your workload) or an entire block of orders within your preferred planning solution to directly start the trim optimization.
- Full financial optimization by automatically taking optional orders into account
- Manual rework or adjustments as desired
- Individual definition of the optimal result by adjusting penalty costs (loss, changes, storage, yield,...)
- Create and compare multiple solutions by variations of penalty costs or technical restrictions
- Automatically create sets of solutions, in dialog or background
- Traffic light system to monitor fulfillment of customer orders
- Model cutting plans during planning by the creation of combined orders (SAP standard)

Minimum system requirements: SAP NW 7.02



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