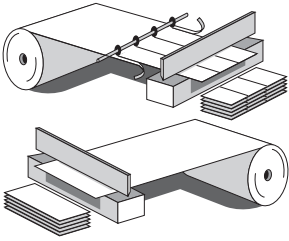


SCOPE® I: Determines optimal master coil sizes

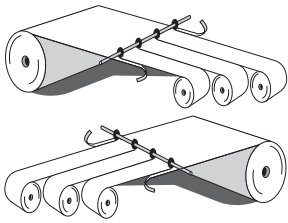


SCOPE I material optimization software is designed for companies that purchase master coils to produce part blanks or slit coils. The software is used in the planning process to determine optimal master coil sizes (widths).

SCOPE I analyzes forecasted production requirements, manufacturing constraints, and material and manufacturing costs. It determines the best master coil sizes that minimize scrap loss and manufacturing costs. Reports indicate the total weight required for each coil size, as well as the trade-off between scrap loss and the number of different coil sizes.

SCOPE I allows companies to quickly and easily make sound decisions regarding the purchase and use of master coils. The software's ability to perform sensitivity or "what if" studies can also help evaluate new equipment purchases, and changes in manufacturing or material costs.

SCOPE® II: Determines optimal slitting patterns for producing slit coils from master coils

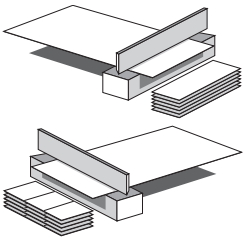


SCOPE II material optimization software is designed for metal producers, service centers and manufacturers that produce slit coils from master coils. The software is used in the production scheduling process to quickly and easily determine cost efficient ways to slit daily coil requirements.

SCOPE II analyzes slit coil requirements, equipment constraints, material and production costs, and available master coil and restock inventory. It determines the best slitting patterns that minimize scrap loss and production costs. Optimization settings allow the user to balance between material utilization, production costs, and the number of setups.

Using SCOPE II minimizes planning time and production costs, as well as the time it takes to implement changes in production schedules or slit coil demands. Users can quickly evaluate different scenarios for producing slit coils before scheduling production.

COMPASS® II: Determines optimal master sheet sizes

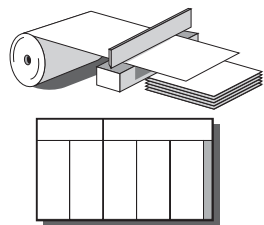


COMPASS II material optimization software is designed for companies that purchase master sheets to produce part blanks. The software is used in the planning process to determine optimal master sheet sizes (widths and lengths).

COMPASS II analyzes forecasted production requirements, manufacturing constraints, and material and manufacturing costs. It determines the best master sheet sizes that minimize scrap loss and manufacturing costs. Reports indicate the total weight required for each sheet size, as well as the trade-off between scrap loss and the number of different sheet sizes.

COMPASS II allows companies to quickly and easily make sound decisions regarding the purchase and use of master sheets. The software's ability to perform sensitivity or "what if" studies can also help evaluate new equipment purchases, and changes in manufacturing or material costs.

COMPASS® III: Determines optimal slearing and shearing patterns for producing parts from master coils

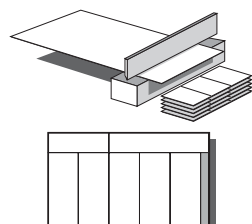


COMPASS III material optimization software is designed for companies that shear or slit part blanks from master coils. It is used in the production scheduling process to quickly and easily determine cost efficient ways to shear daily part requirements.

COMPASS III analyzes production requirements, manufacturing constraints, material costs and available coil inventory. It determines the best sheet sizes and nested-shearing patterns that minimize scrap loss and production time. Optimization settings allow the user to balance between production costs, pattern complexity and material utilization. Printed graphical shearing patterns eliminate cutting errors and increase shearing productivity.

Using COMPASS III minimizes planning time and production costs, as well as the time it takes to implement changes in production schedules or part demands. The software can also improve the quoting process by providing a quick and accurate estimate of material requirements and costs.

COMPASS® IV: Determines optimal shearing patterns for producing parts from master sheets



COMPASS IV material optimization software is designed for companies that shear part blanks from master sheets. It is used in the production scheduling process to quickly and easily determine cost efficient ways to shear daily part requirements.

COMPASS IV analyzes production requirements, manufacturing constraints, material costs and available sheet and drop inventory. It determines the best nested-shearing patterns that minimize scrap loss and production time. Optimization settings allow the user to balance between production costs, pattern complexity and material utilization. Printed graphical shearing patterns eliminate cutting errors and increase shearing productivity.

Using COMPASS IV minimizes planning time and production costs, as well as the time it takes to implement changes in production schedules or part demands. The software can also improve the quoting process by providing a quick and accurate estimate of material requirements and costs.

How Can Optimization Software Help Me ?

- Coils and sheets can represent up to 80% of your total material cost. Even a small reduction in scrap or inventory cost will have a significant impact on your bottom line and profitability. Optimization software can directly improve your material utilization, while reducing the time and effort in production and planning.
- Your competition is continually implementing new processes to reduce their production cost. Using optimization software ensures that you always minimize your material cost and effort.
- "I have a number of other important projects that must be completed. Why should I look at optimization now?" An optimization project is one of the most promising cost reduction projects that you can implement. The time required to evaluate and implement optimization software is minimal, while paybacks are substantial!

What Can Wolf's Software Products Achieve ?

- Determine the optimal master coil or sheet sizes required to produce your parts at the lowest cost
- Determine the optimal shearing or slitting patterns and cut sequences
- Are easy to implement, while achieving significant cost reductions for your company

What Are The Benefits ?

- Reduced scrap loss and improved material yields
- Reduced number of master coils or master sheets
- Reduced planning and effort to shear, slit and produce parts
- Reduced inventory and carrying cost
- Improved job estimating or production scheduling
- Provides quick cost and material requirements

Why Wolf Consulting, Inc. ?

- Wolf Consulting has successfully helped hundreds of fabricated metal product manufacturers, steel service centers and custom fabricators reduce their material cost and effort.
- Wolf Consulting is the industry's technology and market leader in providing coil and sheet optimization solutions.
- Wolf Consulting has delivered top-quality optimization software products and consulting services since 1988.
- Wolf Consulting has industry-proven products and provides customized solutions for special user requirements.

All software products run on personal computers in the Microsoft Windows environment. They are completely menu-driven, easy to learn and use. Information can easily be exchanged with your existing information systems.

**"The typical payback period for Wolf Consulting, Inc.'s software products is 1 to 4 months."
Call NOW for more information!**



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**For more information or
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