

Optimizer for Sections (Section Nesting Software)

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Optimizer for Sections is specialized 1-Dimensional Bar Nesting Software specifically designed to reduce end piece wastage, produce optimized layouts and maximize productivity.

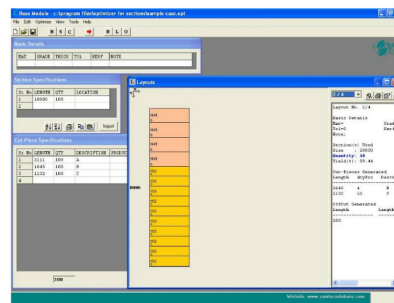


Overview

Optimizer for Sections is a stand-alone section nesting optimization software, capable to calculate the optimum yield of materials of 1D cutting for materials such as sections, bars, tubes, pipes, beams, rod, angle or others linear materials supplied in prefixed standard lengths.

Optimizer for Sections is used to generate optimized layouts and reduce scrap. It automatically generates the optimum cutting layouts once the Cut-Piece specification and section specification has been entered. Optimizer for Sections has been designed to quickly produce optimized cutting layouts.

Optimizer for Sections provides high utilization layouts, significantly reducing the waste and maximizing productivity. It saves time, and shortens production cycle.



Software for nesting of rectangular cut - pieces on rectangular sheets



Advantages

- Significantly saves time and reduces a level of experience required for cut planning and managing
- Accurate estimation of sections requirement minimizes the material wastage
- Saves your money or material costs and will improve the productivity of cutting process
- Detailed reports and easy to use interface



Features

- Easy to use and easy to understand for any user
- Quick and exact solution
- Any measurement unity
- Nesting options:
 - Maximum Yield to minimize material wastage
 - Minimum Layouts to minimize the number of cutting patterns generated so as to minimize the number of machine settings
- Support for Tolerance helps in achieving a greater material yield
- Dimensions can be specified in any unit with full conversion facility using the Unit Conversion Tool
- Detailed information about each Layout
- Layout can be magnified for better view
- Alternate Arrangement for each layout is possible
- Detailed Reports with
 - Overall yield
 - Basic details
 - Sections(s) Utilization Summary
 - Cut-Piece(s) summary
 - Layout details



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