SIGMANEST

SigmaCTL

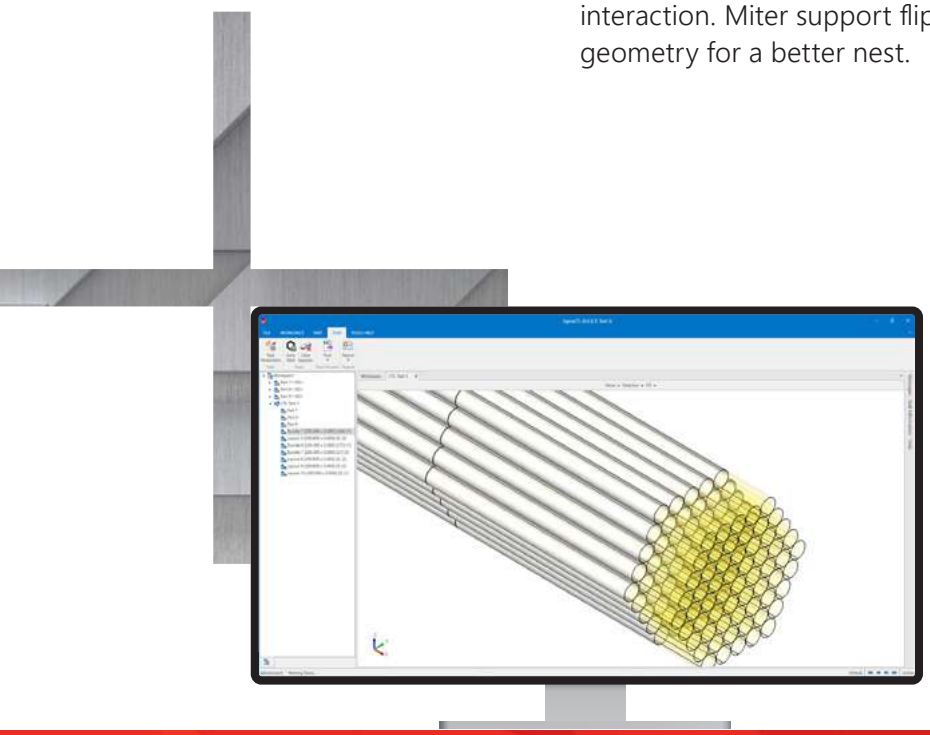
Optimized Beam Line Nesting for Maximum Material Yield

3D Interface for Better Control

SigmaCTL is a Cut-to-Length nesting solution to allow fabricators to nest segments onto bar/tube/pipe/beam stock ensuring the most efficient use of material. Powerful nesting algorithms calculate an optimum cut plan when working with complex work orders and varying stock length and thickness.

Nesting Options for Bundle or Miter

With support for miter and bundle nesting, SigmaCTL offers scrap reduction, raw material/remnant tracking, and order processing to produce less waste and improve efficiency all with minimal user interaction. Miter support flips and rotate parts to match up miter geometry for a better nest.



- Batch processing combines work orders according to bar type and thickness to keep orders moving
- Flexible nesting tasks permit nesting from exiting stock or generating order quantities necessary to complete the task

SigmaCTL

Robust Part Creation

- Expansive industry-standard profile library for one-click shape creation
- Add custom profiles and groups to quickly build parts
- A simple user interface makes programming easy to learn

Impressive Nesting

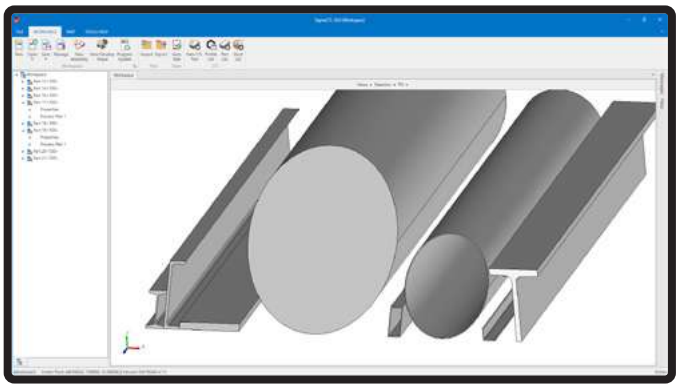
- Miter and bundle nesting options help save the maximum amount of material
- Reduced machine setup time increases overall work capacity
- Visualize bar profiles and nests in 3D to more effectively manage bundles and layouts

Start-To-Finish Control and Tracking

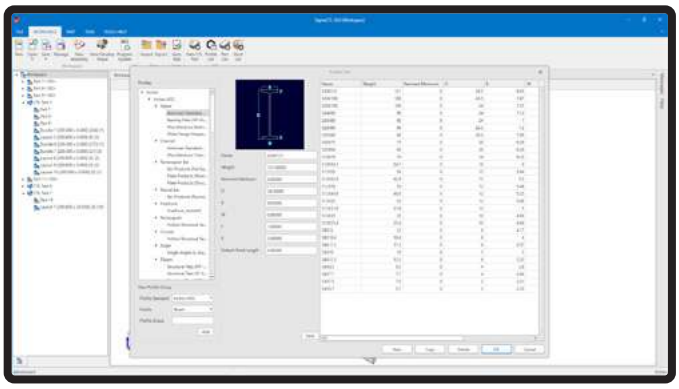
- Customizable cutting plan reports the data that matters
- Inventory tracking with remnant management
- Batch processing supports a fully automated workflow and ERP/MRP integration

Added Flexibility

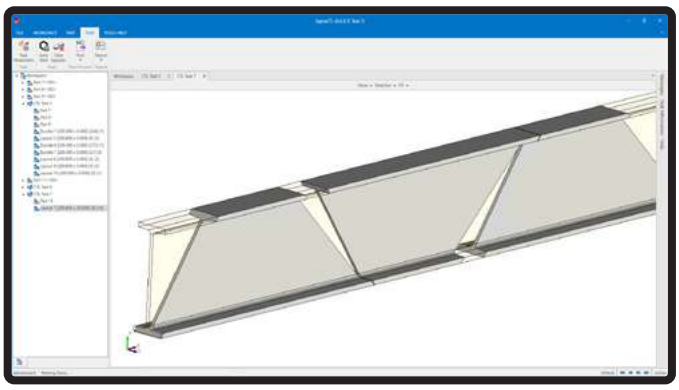
- Work orders track custom orders and group nesting tasks
- Flexible nesting tasks permit nesting from exiting stock or generating order quantities necessary to complete the task
- Print summary lists of work orders or tasks as well as individual detailed reports



Import or create a variety of common profile shapes and parts



User-definable library of shapes



Visualize in 3D for more accuracy