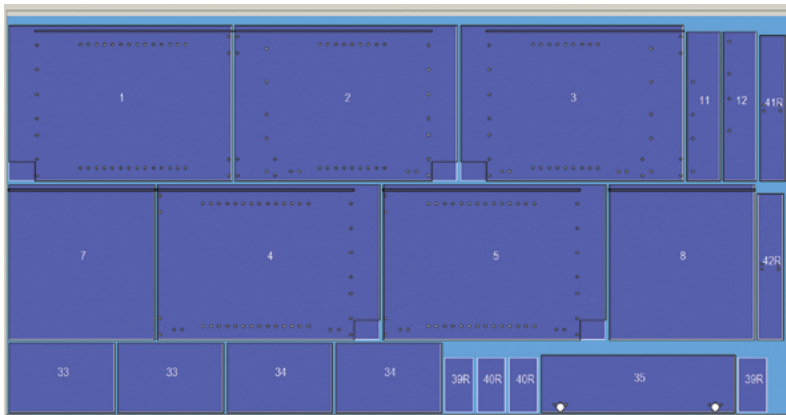Computer controlled machines have great potential but managing them can be time consuming and expensive. 2020 Insight provides embedded CAM by automating CNC programming for machines based on the work order requirements. By eliminating manual intervention, engineering talent can be focused on customer solutions instead of programming machines. Automated code can optimize material usage with techniques like True Shape Nesting. Multiple machines in multiple locations can be easily programmed and coordinated from a single application. 2020 Insight reduces production costs and enhances your product innovation potential by automating machine integration into the overall production process.

Benefits

Enhance product innovation
Automate CNC data production to quickly produce custom goods without adding overhead or disrupting the factory floor.

Reduce production costs
Improve yields and reduce material usage using true shape nesting to optimize cutting operations.

Synchronize production
Organize and sequence production across multiple independent or connected machines to produce an optimized production flow.

Realize equipment ROI
Reduce manual intervention in manufacturing to boost shop floor productivity and to allow you to make the most of your CNC equipment investment.
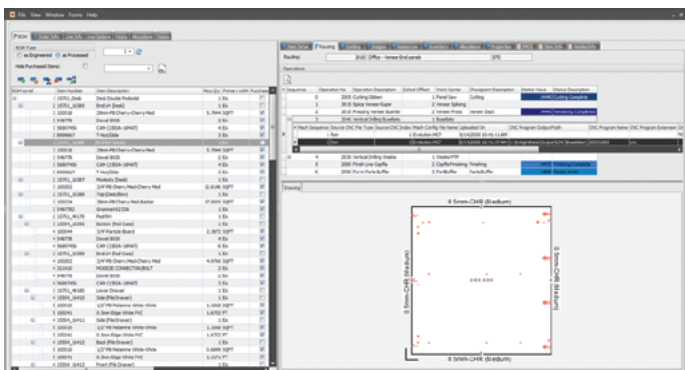
Make it easier to optimize the use of materials.

The embedded true shape nesting solution supports advanced features, including onion-skinning, common-line cutting, tool path optimization and nesting small parts in cavities of larger parts.

Make it easier to program CNC machines.

2020 Insight automatically generates all the CNC code you need to produce both your standard and custom products.
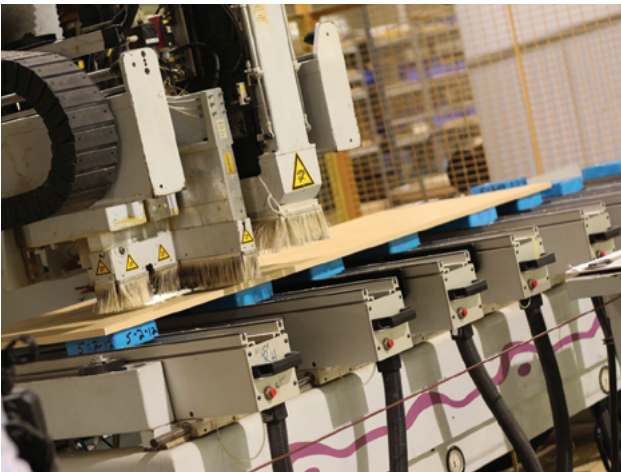

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Make it easier to control part lists.

Create cut lists and materials lists by any criteria for a variety of panel saw or chop saw optimization software applications such as Eurosoft's Ardis.

Make it easier to manage many machines.

Automatically generate CNC code for multiple machines for production work orders and significantly reduce errors that result from manual intervention.

Anderson
Biesse
Busellato
Heian
IMA
Komo
Morbidelli
Northwood
Routech
Shoda
Thermwood
Weeke

Features

Automatic CNC code generation
Automatically create and manage CNC code for either one or many CNC machines required for manufacturing.

Universal CNC post processor
Post CNC programs to any machine up to 3-1/2 axes, from a variety of inputs, including Insight Engineering Configurator and existing CAD drawings.

Optimizer link
Control how cut lists are organized and when they are produced so that the function aligns best with your production philosophy and business requirements.

True shape nesting
Send cutting demand directly from your production schedule to the optimizer, and to the machine, for a feature rich true shape nesting solution.

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2020

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