



TurboNest[®] 2

NESTING SOFTWARE

Power Made Simple

TurboNest nesting software, for conventional plasma and oxyfuel applications, delivers best-in-class **performance** and **reliability** yet is also incredibly **easy** to learn and use. With TurboNest you will experience flexible import of your 2D CAD files, material cost savings from efficient nesting, and repeatable results from parameter-based setups that provide consistent cut quality and productivity, along with reduced operating costs. Backed by proven product support from knowledgeable professionals, TurboNest offers the solutions you need to process your jobs quickly and easily. TurboNest is **Power Made Simple!**

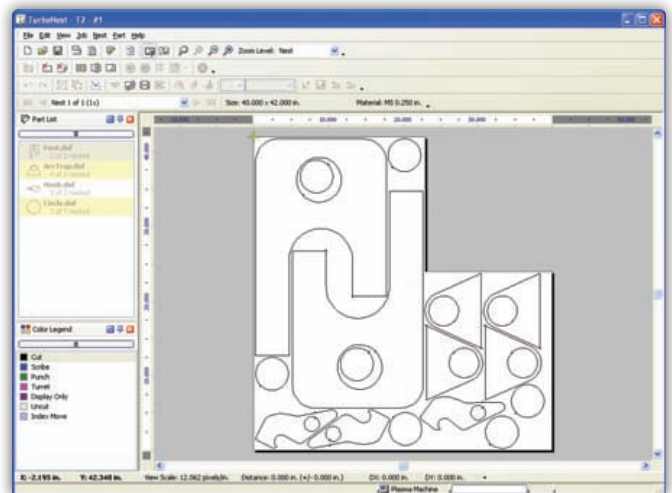
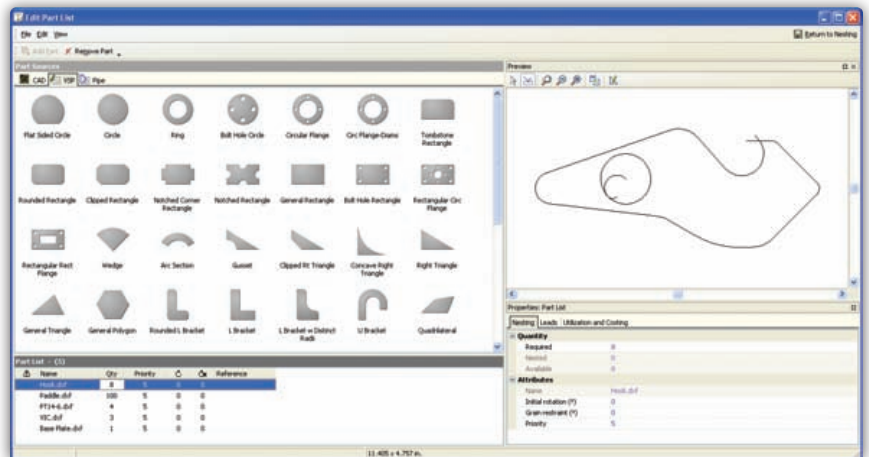
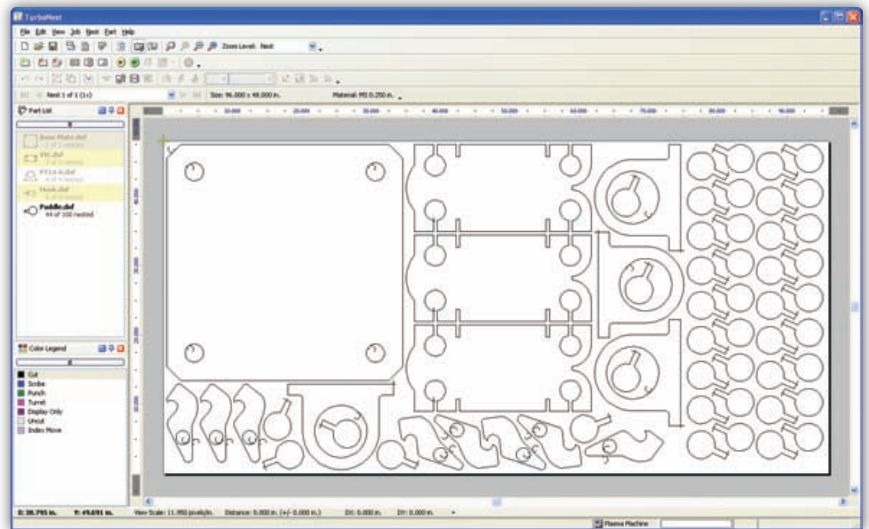
Performance You Can Depend On

TurboNest's standard features provide users with the **flexibility** needed to efficiently program for multiple plasma and oxyfuel machines. For example, tool-pathing of CAD files (lead-in/out style and placement, cut direction and sequence, kerfing, etc.) occurs automatically upon import. Part requirements (quantity, grain restrictions, etc.) may also be assigned. Rotate, bump, cluster, copy, array, and other features allow parts to be manually nested with ease. Produce parts of consistent quality using TurboNest's built-in technologies (feedrate and kerf control) and conveniently share job information with machine operators via production reports. Through automation of many stages of the nesting process, completing a job using TurboNest will take you less time and will give you better results.

You can **increase productivity** with TurboNest by utilizing one or more of its optional modules. Automate your nesting to save programming time and material by adding TurboNest's True Shape Nesting module. Take advantage of the available productivity tools (common line cutting, chain cutting, bridge cutting) to reduce operating costs. TurboNest's optional modules will help you **improve profitability** at your manufacturing operation. Select the package that's right for your budget and your business now, then add additional modules later, as you need them.

Our Commitment

MTC Software provides your business with the industry's best software solutions and product support. TurboNest, like all MTC Software products, is engineered to help you get the most from your machine investment. By investing in MTC Software, as thousands of other companies have over the past 25 years, you can feel comfortable that you're partnered with a company that measures its success by ensuring yours.





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Standard Features

CAD/CAM Import, Conversion, and Part Development

- Import CAD (*.dwg, *.dxf) and some CNC files
- Automatic CAD file correction and error notification
- Automatic cut direction, sequencing, and tool-pathing
- Automatic assignment of material-based lead in/out
- Ability to separate multiple parts from CAD file
- Automatic rotation restriction for grain constraint
- Advanced edit function for CAD file modification



Costing and Reporting

- User-defined production cost parameters
- Automatic part and production cost calculation
- Automatic nest utilization calculation
- Management and shop reports







Optional Modules

TurboNest is ideal for use with the following cutting processes.











Use the icons provided to identify the cutting process that will typically benefit from that module.

 Plasma  Oxyfuel

Automatic Nesting Modules

Pattern Array Nesting		
Advanced Rectangular Nesting		
Advanced True Shape Nesting		

Productivity Modules

Common Line Cutting		
Chain Cutting		
Bridge Cutting		
Entity Smoothing and Reduction		
Variable Shape Parts		
Part Cut-Up		
PIPE Parametric Fittings		

Material and Inventory Optimization Module

Custom Remnants		
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MTC software[®]

POWER MADE SIMPLE[™]

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