



# NestMaster™ 2

## NESTING SOFTWARE

### Power Made Simple

NestMaster nesting software, for introductory conventional Plasma and Oxyfuel applications, reflects our commitment to products that are **easy** to learn and use, NestMaster's intuitive design allows even the most inexperienced operator to comfortably work with the program. Typically, NestMaster can be fully learned within one hour—a fraction of the time it takes to learn alternative systems. In short, NestMaster is **Power Made Simple!**

### Performance You Can Depend On

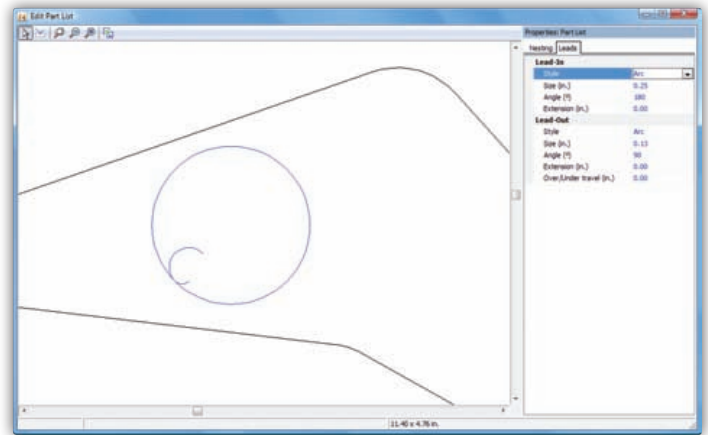
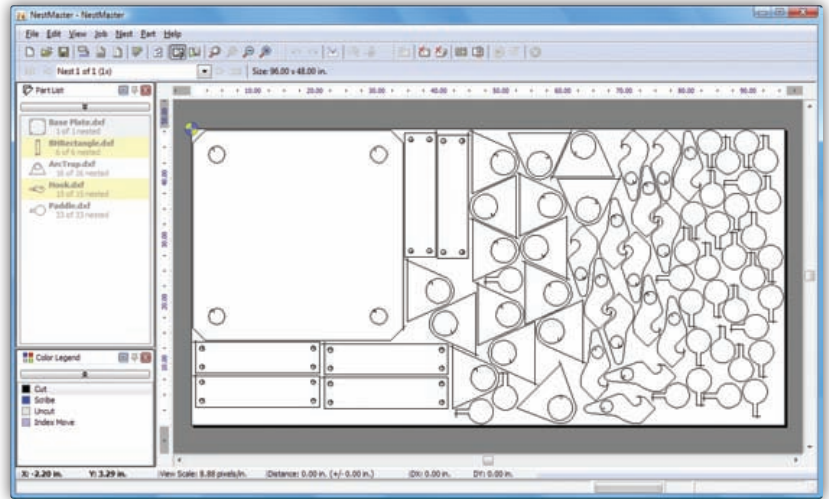
With NestMaster you can import 2D CAD files, nest parts, output CNC code, and generate reports using a single application. NestMaster automatically creates the toolpath (lead in/out style and placement, cut direction, sequencing, etc.) for CAD files as well as for parts developed in the shapes library. By optimizing programming and production operations, NestMaster can increase your profits.

NestMaster provides you with **efficient** automatic nesting and **flexible** manual nesting to help reduce material consumption. Automatic nesting technology features a true shape nesting strategy that looks at the exterior profile of the parts when nesting and allows for part-in-part nesting and multiple sheets per job. In addition, a variety of interactive nesting features (rotate, bump, array, etc.) enable you to manually nest parts with ease. User-defined separation values for part-to-part, part-to-plate edge, and part-to-pierce are used during automatic and manual nesting to further assist with material savings.

Upon completion of nesting, NC code is automatically created for your cutting machine. Information about the job (nest image, plate dimension, material utilization, cut sequence, etc.) is provided in NestMaster's printed reports. These reports allow management and machine operators to quickly and easily access the job information that they need.

### Our Commitment

MTC Software provides your business with the industry's best software solutions and product support. NestMaster, 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)
- Ability to import multiple part CAD files
- Automatic CAD file correction and error notification
- Automatic cut direction, sequencing, and tool-pathing
- Automatic assignment of lead in/out

#### Automatic and Manual Nesting

- Automatic true shape nesting
- Edit lead in/out position within the nest
- Part, plate, and pierce separation
- Drag and drop, bump, mirror, and rotate
- Array functionality
- Part interference detection
- Automatic and manual nest sequencing
- Animated cutting sequence simulation

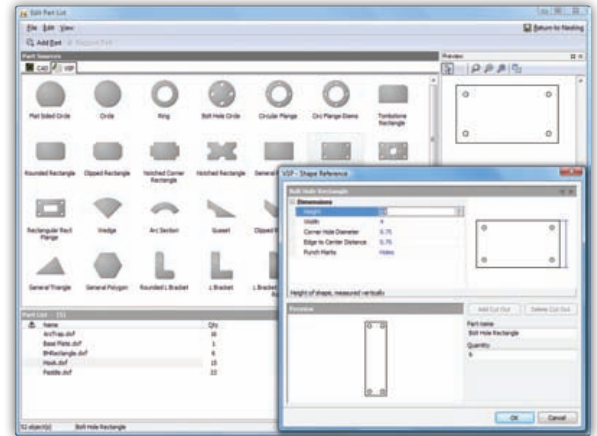
#### NC Output

- Automatic NC code creation
- Feedrate and kerf
- Pre-kerfing
- DNC communications interface

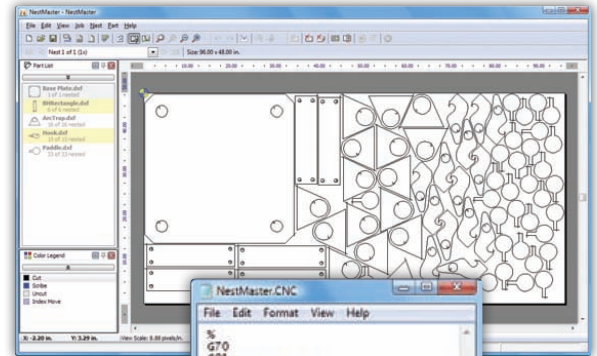
#### Printed Report

- Nest image
- Plate dimension
- Material utilization
- Cut sequence

#### STEP 1 – Create / Add Parts

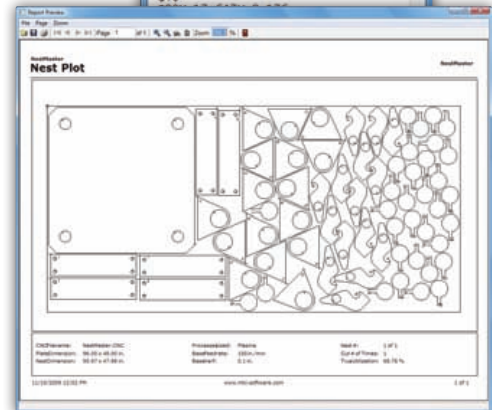


#### STEP 2 – Nest Parts



#### STEP 3 – Create NC Code

#### STEP 4 – Print Report



**MTC software®**  
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