

FastCAM®  
 FastNEST®  
 FastCOPY®  
 FastTRACK®  
 FastCUT®  
 FastBEAM®\*  
 FastPART®  
 FastSHAPES®  
 FastAIR®  
 FastPATH™  
 FastFRAME®  
 FastHULL®  
 FastPUNCH®\*  
 FastRING™  
 FastEST™  
 FastLINK™



Ref: 9900-1-FC1.14

## FastNEST® - True Shape Automatic Nesting 32Bit

### FastNEST® Automatic and Interactive Nesting Module

FastNEST® is a computer program designed to automatically or interactively place two dimensional (2D) shapes in a optimal pattern (nesting) suitable for cutting via a variety of processes, primarily oxy-fuel, plasma, laser and water-jet cutting equipment.

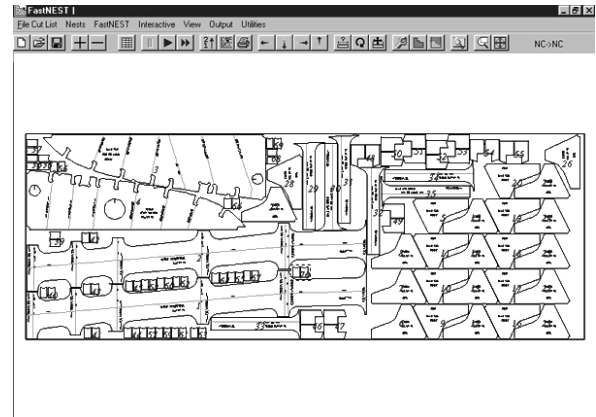
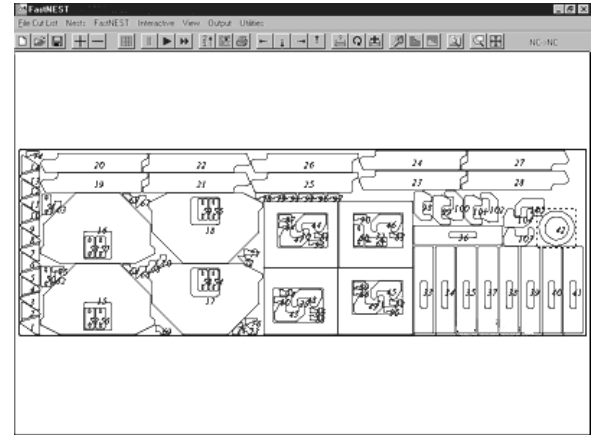
The nesting algorithm is designed to optimise both the material usage and the sequence of cutting. Parts can be nested automatically or manually placed for maximum Productivity.

FastNEST® can nest a variety of file formats including: NC code, FastCAM-CAM format, DXF, and optionally IGES and DSTV files. This flexibility allows entire plates to be optimised after nesting including automatic bridging, tabbing and stitch cutting. FastNEST supports all secondary processes including, drilling and tapping, all marking processes including text marking. Multiple primary process are supported such as, mixed Oxy-fuel and Plasma cutting.

FastNEST® can nest into standard stock plates or optionally any remnant shape. Further options allow for remnant nesting and tracking with FastTRACK®

#### FastNEST® Includes the following features:

- ✓ Ability to nest any of the following file types:
  - CAM (FastCAM® files)
  - NC Code including, ISO, EIA, ESSI in Metric & Imperial
  - DXF All versions
  - IGES (Optional)
  - DSTV (Optional)
- ✓ FAST Automatic array function
- ✓ Bulk part input
- ✓ Nesting into Remnant or scrap material
- ✓ Multi-Torch simulation
- ✓ Multi-Plate Nesting
- ✓ Automatic pathing option
- ✓ Auto-place part placement
- ✓ Unique "BUMP" movement of parts



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# FastNEST<sup>®</sup> - True Shape Automatic Nesting 32Bit

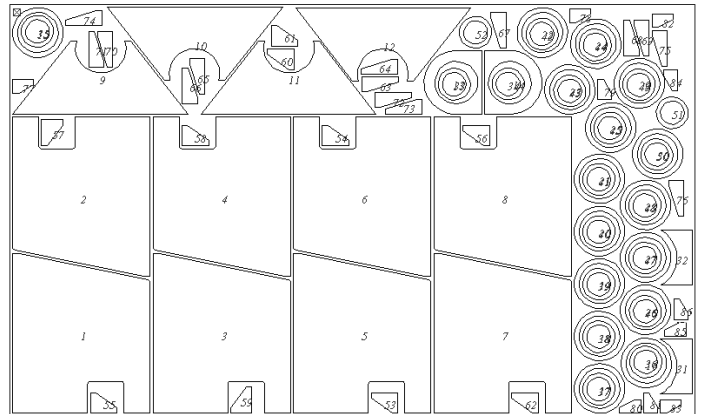
- ✓ “Jostle” feature to super pack nests
- ✓ Post nest optimisation inc. Bridging, Tabbing & Stitch Cutting
- ✓ Dynamic part rotation

## BENEFITS

Simple to use, purpose built for NC profiling  
Low cost  
Maximise productivity  
Minimise scrap  
Minimal training required.  
Extremely fast.

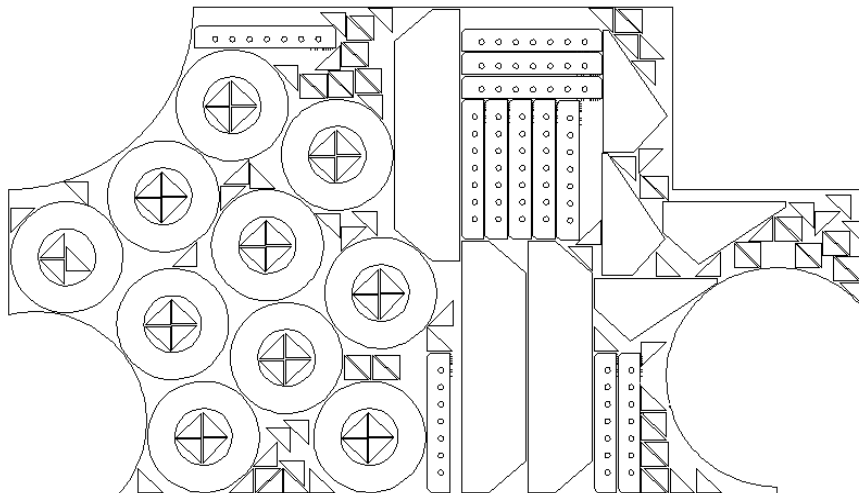
## TECH INFO

True 32Bit Windows 95/98 and NT Compatible  
Min hardware spec.  
PC with Pentium processor Mb RAM  
and Windows operating system.  
800 x 600 graphics



## PROGRAM REFERENCE

FC 2.0 FastCAM<sup>®</sup> Lite (DXF,NC only manual nesting)  
FC 2.1 FastCAM<sup>®</sup> Standard (DXF,NC Auto and manual nesting)  
FC 2.2 FastCAM<sup>®</sup> Professional (Auto nesting, Plate Tracking, Multi machine and Multi torch cutting)



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