

**THERMAL
DYNAMICS®**

**INTUITIVE
NESTING SOFTWARE**

Thermal Dynamics®

PROMOTION NEST



The Power of ProMotion Nest

Increase your gas and plasma cutting productivity by using the powerful ProMotion Nest software. It runs as standard in ProMotion iCNC® controllers but it is also available as office software to be used with any CNC cutting machine capable to read ESSI or EIA cutting programs.



We Bring Intelligence to the Table.™

PROMOTION NEST

From CAD-Drawings To Cutting

ProMotion Nest is a powerful software for creating efficient cutting programs directly from standard (DXF) CAD drawings. It runs in any Windows Operating System environment and creates cutting programs in EIA/ESSI-code for any CNC-system as an option.*

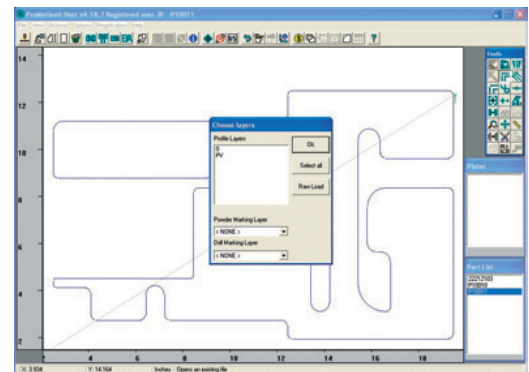
ProMotion Nest Basic Version Features

- Reads both CAD-drawings and EIA/ESSI-coded cutting programs
- Set by pointing with a mouse to piercing points, cutting directions, cutting order, bridging, chain cutting, copying, mirroring, moving, etc.
- Adding the machining allowances to any location of any shape
- Preprogrammed macros
- Marking from CAD-drawings using different layers

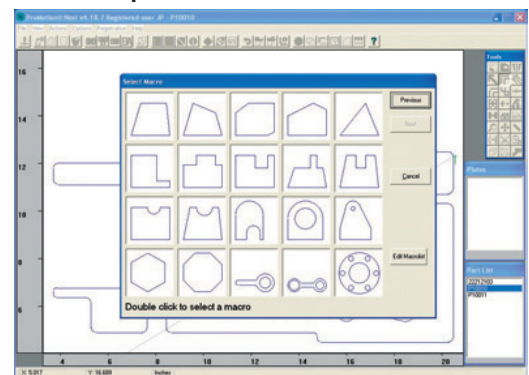
ProMotion Nest Basic Version Advantages

- No need to program a shape already designed by a cad system
- Faster and easier creation of cutting programs
- Manual nesting on plate fully visual operation, no need to be familiar with ESSI/EIA
- Improved usage of the material
- Minimizing the number of piercings will save time and consumable costs and also improve the cutting operation reliability
- Extremely powerful and easy to use
- Pays for itself faster than you can imagine

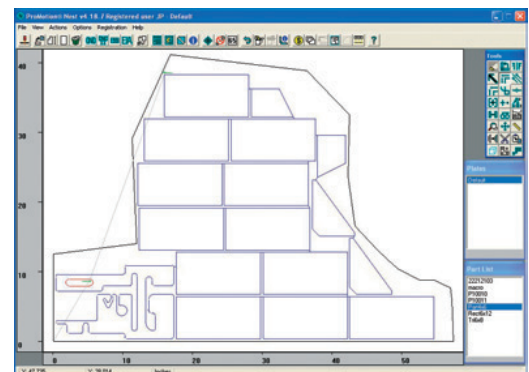
DXF input (standard)



Macro shapes (standard)



Nest on remnant (standard)

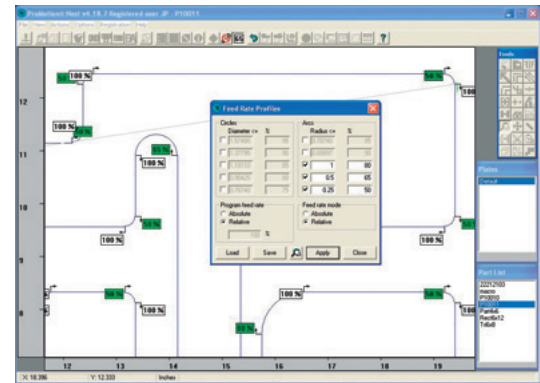


* Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

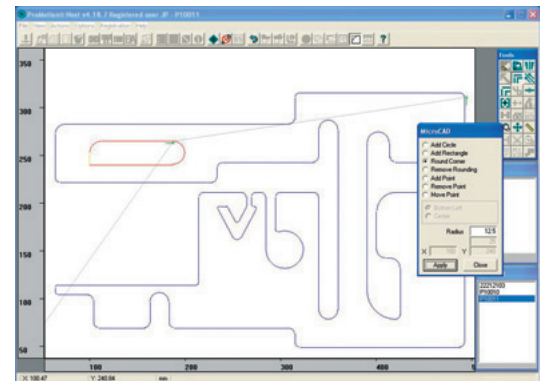
Optional modules for ProMotion Nest

- Automatic Interlocking Nesting
- Micro Cad
- Cost Calculator
- Variable Feed Rates
- Advanced Marking/Texts
- DSTV Input
- Drilling Program Generation
- Serial Communication (ProMotion iLink)

Variable feed rates (option)



Micro CAD (option)



Cost calculator (option)

The screenshot shows the 'Cost Calculator' dialog box in the ProMotion Nest software. It contains several input fields for job parameters and a summary table. The summary table is as follows:

Machine Time		Time	\$
Rapid	1.56	1.61	
Cutting	3.35	2.99	
Delays	4.40	3.89	
Total active	10.11	8.49	
Changing consumables	1.14	1.03	
Idle time	22.30	19.75	
Total inactive	23.44	19.78	
Total	33.55	28.27	

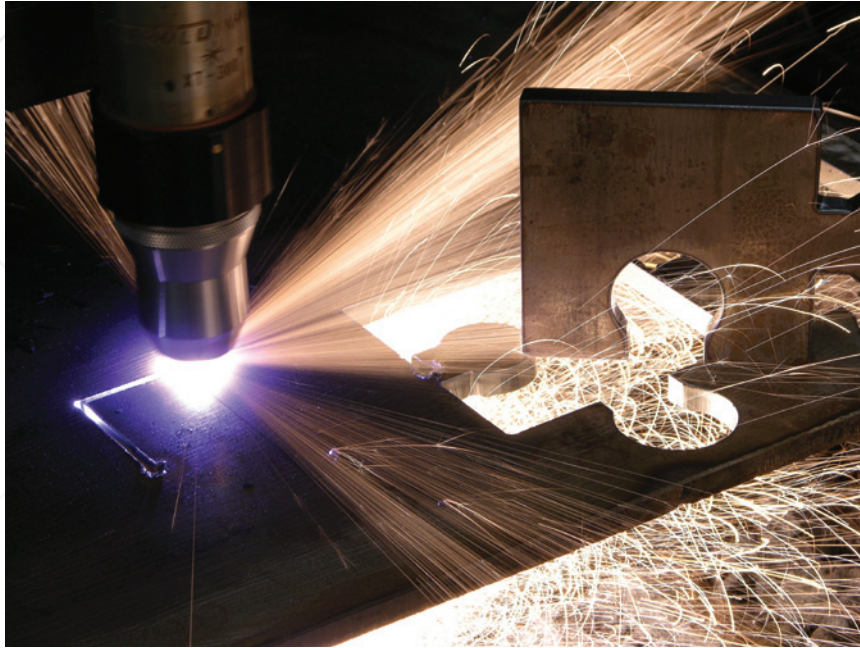
Other sections include 'Material Costs' with a total of 992.92 and a grand total of 1020.79 \$.

Free Evaluation Version

Download a FREE evaluation version online at www.promotioncontrols.com/promotion-nest/downloads

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PROMOTION NEST



OUTSTANDING PRODUCTIVITY

Easy to operate with complete control for oxy-fuel, plasma, water and other profile cutting applications.

Free Evaluation Version

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