DNC

Communication software

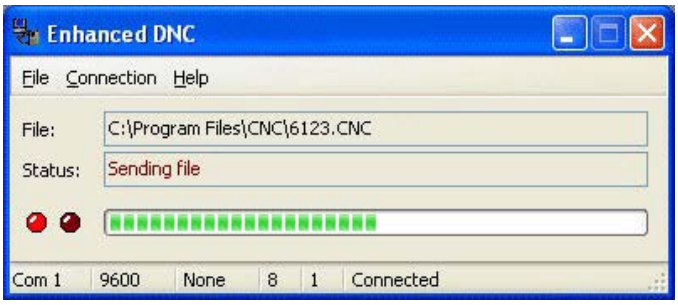
Hypertherm's DNC communication software can act as a gateway to your company's local area network (LAN), resulting in simplified NC distribution. It allows numeric control (NC) files to be uploaded to or downloaded from cutting machine controllers across standard RS-232 serial cabling and/or modems.

DNC also offers file transfer protocol for most cutting machine controllers. This allows the machine operator to initiate NC file transfer directly from the cutting machine with no interaction required at the server PC location.

Upon completion, transfer activity is automatically logged, including filename, date, time, and status.

Standard features

- Supports CNC upload and download capability
- Operator initiated transfers with most cutting machine controllers
- Can act as a gateway to network file servers
- Single or multiple file search paths
- DNC connection test program included
- Can be run as a background task
- Specify separate upload path to protect against accidental overwrite
- Automatically log transfer activity



One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers' success. We are always striving to become better environmental stewards; it is a process we care deeply about.

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Hypertherm®

NC2CAD™

NC code translation software

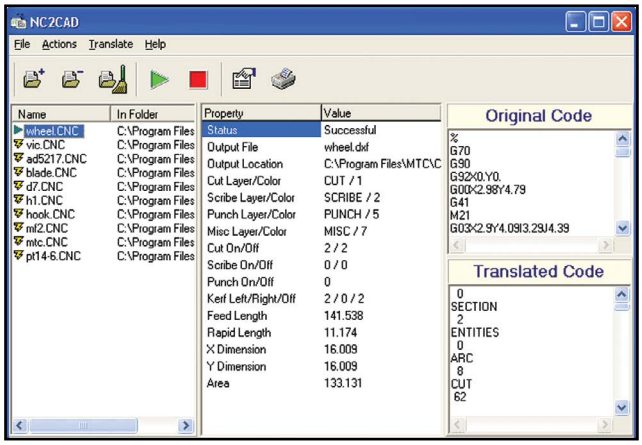
Productivity made easy

NC2CAD provides a convenient method of converting numerical control (NC) part/nest files into DXF format.

The entities for each machine process are placed on individual, user-defined layers. NC2CAD is an ideal way to convert an existing NC part/nest library into an industry-standard CAD format for further modification or quality assurance inspection.

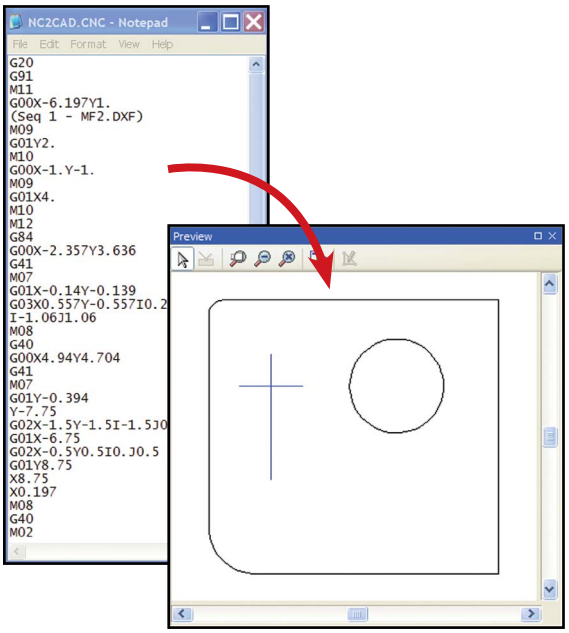
Feature overview

Quickly build a list of files to be translated by selecting single or groups of files within NC2CAD. It's as easy as selecting parts, setting translation properties, and clicking the process button. NC2CAD will automatically batch process all files in the list. The original NC code and converted DXF file as well as the summary information for each translated file can then be viewed. Once files have been converted to DXF format, they can be read into any CAD program that supports DXF files. Then, features of the user's CAD program may be used to modify the part/nest or use the dimension and properties features to verify their accuracy.



Standard features

- Fast, easy way to convert files from CNC format into DXF CAD files
- Works with many cutting machine controller formats
- Save and load conversion properties to handle different translation tasks
- Control the layer name and color for each process converted
- Code preview for original NC code and translated DXF file
- View process, kerf, feed length, rapid length, dimensions, and area of every translated file
- Summary report of translation information



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Greener Cuts™

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QuikTran™

NC code translation software

Productivity made easy

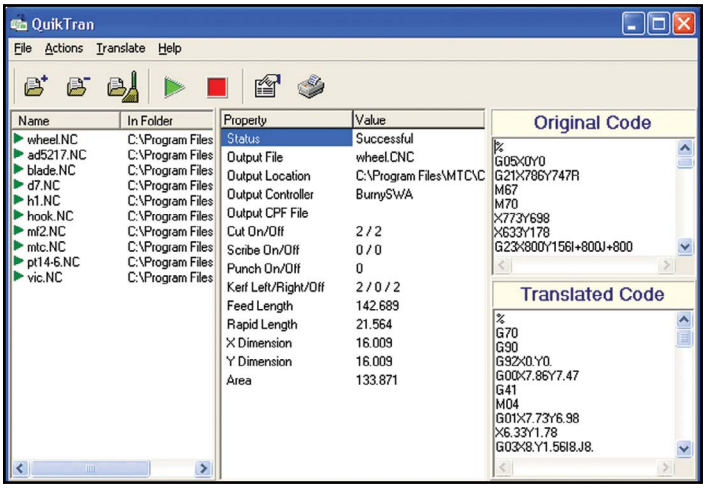
QuikTran provides a convenient method of translating numerical control (NC) part files from one format into another. Save countless hours of wasted time re-programming nests by importing pre-existing code created for an old cutting machine and exporting code for the new cutting machine. Even if used for translating a batch of files once, when the new machine is installed, QuikTran can immediately pay for itself in programming time savings. In addition, QuikTran will produce accurate code and avoid the errors associated with manual code translation.

Standard features

- Works with more than 100 different controller formats
- Quickly translates NC code formats
- Allows creation of custom configuration files
- Provides code preview for original and translated NC code
- Shows view of process, kerf, feed length, rapid length, dimensions, and area of every translated file
- Part files can be converted to a different machine control format
- Part files can be changed from absolute to incremental format
- Part files can be changed from inch to metric
- Part files can be changed from one cutting process to another

Detailed summary of the output file can be printed, including the following:

- Format (absolute/incremental)
- Precision (normal/extra if supported by control)
- Units (inch/metric)
- Part area
- Feedrate motion length
- Rapid motion length
- X and Y dimensions
- Number of process on and off commands for each process
- Number of kerf commands (left, right, off)



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