

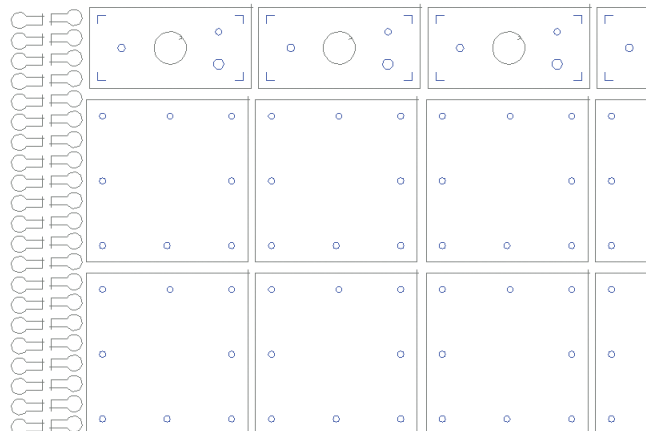
Plate Machine Interface

ProNest® optional module

Benefits:

- Better productivity
- Faster programming
- Easier machine operation

For users of plate processor machines, such as Peddinghaus, this interface allows ProNest to support plasma and oxyfuel cutting along with tooling functionality including punching, drilling, tapping, countersinking, and other spindle operations.



Features include:

- Automatic tool assignment on holes
- Nest sequencing based on the machine's unique requirements
- Specialized sorting of parts by process or tool, including zone sorting defined by skeleton cut-up or crop lines to maximize part accuracy and machine productivity
- CAD colors can be used to automatically convert round holes found on the turret layer of the nest into fine or course taps or countersinks



- Dynamic align feature allows parts to be completed in vertical zones on the nest. Parts can be common lined or bridged together in a column, and completed on a shared final cut along the alignment edge
- A flexible parameter file is used to automatically specify the spindle speed, as well as the feedrate for each tool operation, for specified material types and thicknesses
- "Copy-group processing" to quickly program multiple plates for cutting
- Automatic pre-drilling/punching of pierce locations
- Supports skeleton cut-up for automatic cutting of the plate skeleton into manageable sections
- One way feed with "punch ahead" to keep the plate moving forward

Visit our website www.hypertherm.com/CAM to request a free production trial.

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