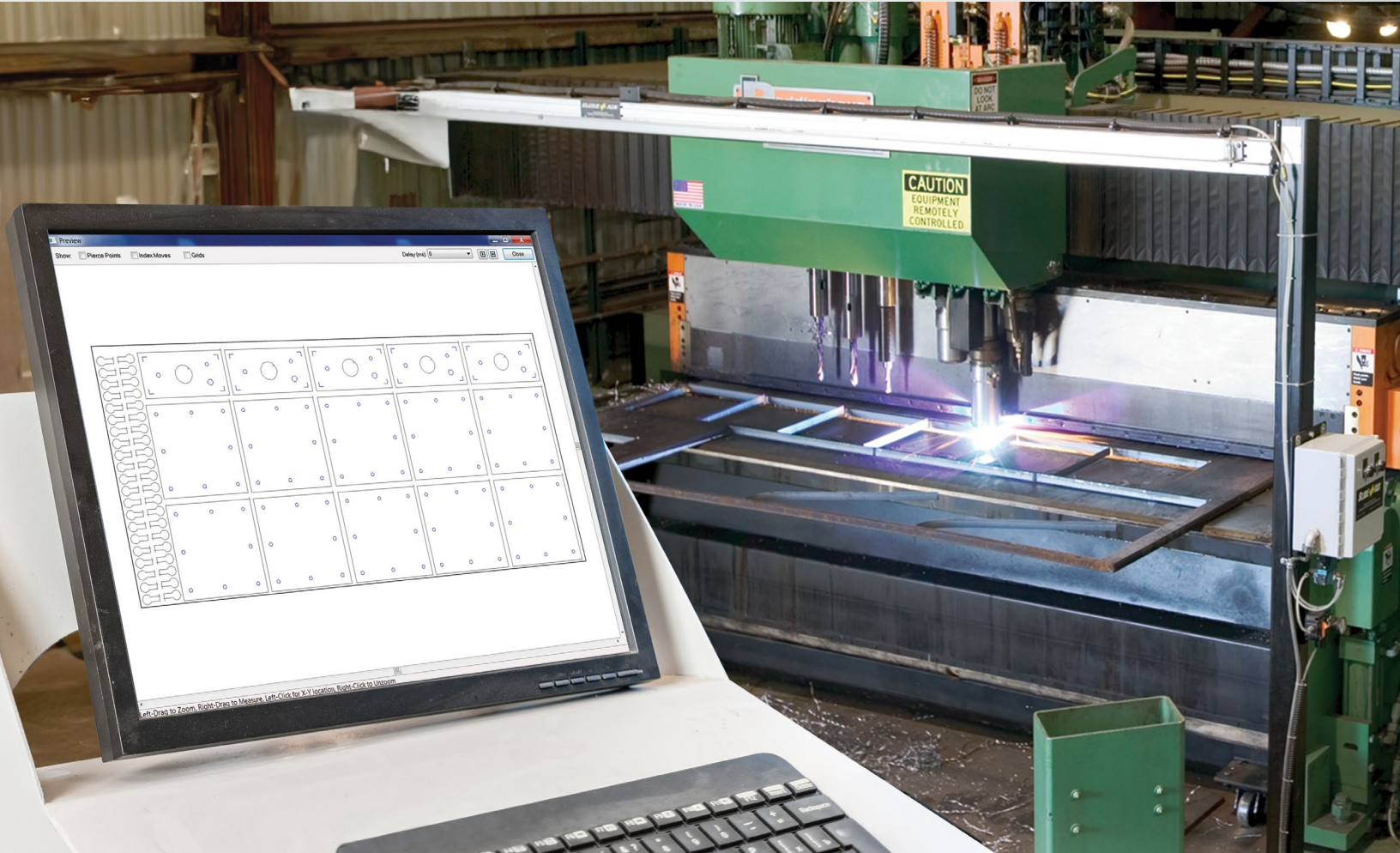


Plate Machine Interface

ProNest optional module



Machine modules



Benefits

- Higher productivity
- Reduced programming complexity
- Ensured quality outcome

About

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.

How it works

In addition to ProNest's standard functionality, users of the Plate Machine Interface will find a variety of custom views and settings. The interface makes it easy to assign tools manually or automatically, and handles a variety of features and capabilities unique to these specialty machines.

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 feed rate 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
- Automatic and manual clamp

Consider including other Machine Interface modules to further improve your operation:

- Bevel Machine Interface
- Drill Machine Interface
- Reposition Machine Interface

Visit our website to request a demo:
www.hypertherm.com/modules

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