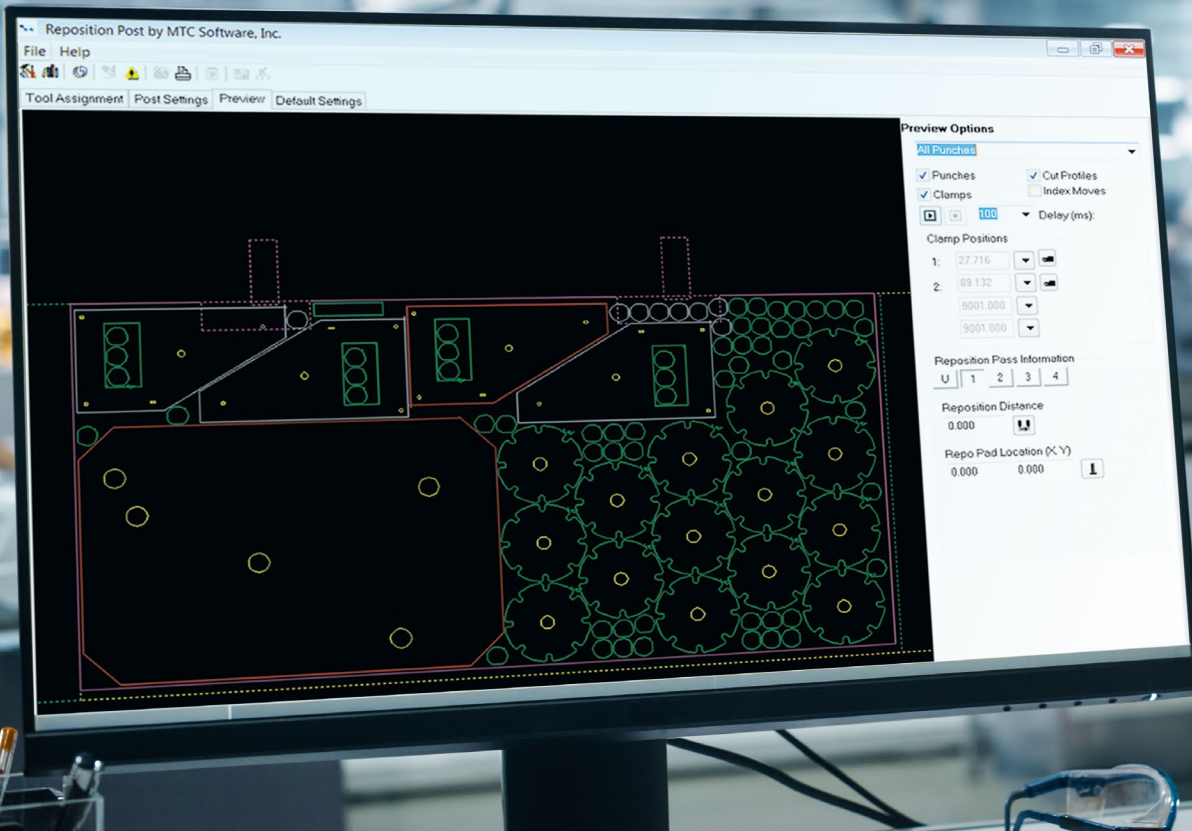


Reposition Machine Interface

ProNest[®] optional module



Machine modules



Benefits

- Precise movement control
- Intuitive programming
- Ensured quality outcome

About

The Reposition Machine Interface provides seamless support for combination punch machines (including punch/plasma and punch/laser) and standard laser reposition tables.

How it works

The Reposition Machine Interface offers precise positioning and movement control. This module enables automatic tool selection depending on material properties. During the cutting or shaping process, the Reposition Machine Interface facilitates effective handling and repositioning of materials. Finally, the part and tool path management feature incorporates the best tool path planning and execution for a given process.

Features

Tooling management

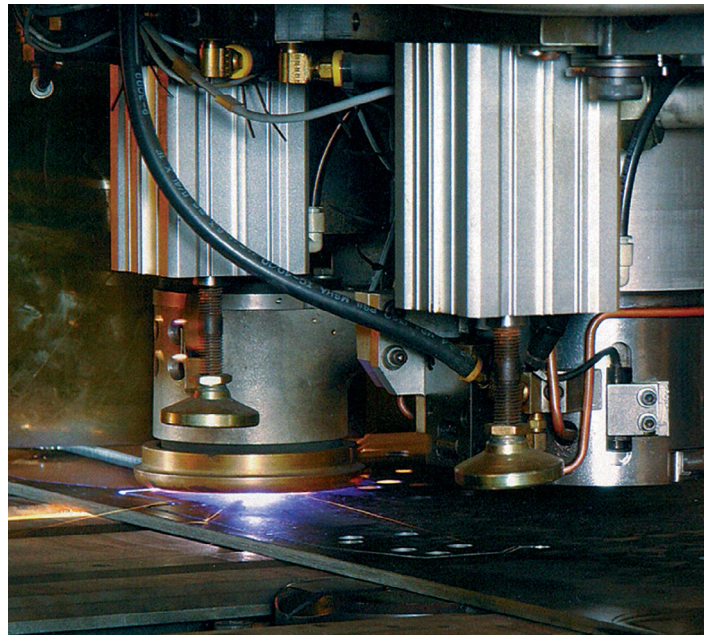
- Material type, thickness, grade and class-based process parameters including advanced kerf and feedrate commands, corner loops, corner radiusing, piercing, etc.
- Automatic tool recognition (including non-conventional punches like louvres)
- Automatic error checking for tool over-tonnage and tool diameter problems
- Tooling report for the operator that shows tool loading information, suggested die sizes, and production time estimates

Reposition management

- Automatic and manual clamp positioning
- Automatic trap/drop door utilization (including "slide moves")
- Support for plate and part loading and unloading systems

Part and tool path management

- Part processing options (including part-by-part and first part inspection)
- Punch sequencing (automatic or manual)
- Ability to use plate rotation during sequencing
- Automatic pre-punch pierce location and lead-in adjustment for plasma cutting
- Automatically determines pre-punch used for shaving holes
- Manual and automatic splitting of long profiles
- Process sheared-to-size parts



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

- Bevel Machine Interface
- Drill Machine Interface
- Plate Machine Interface

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

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897470



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