



SigmaNEST for Punch Machines

Punch and
Combination at
a Level to Suit
Your Operation

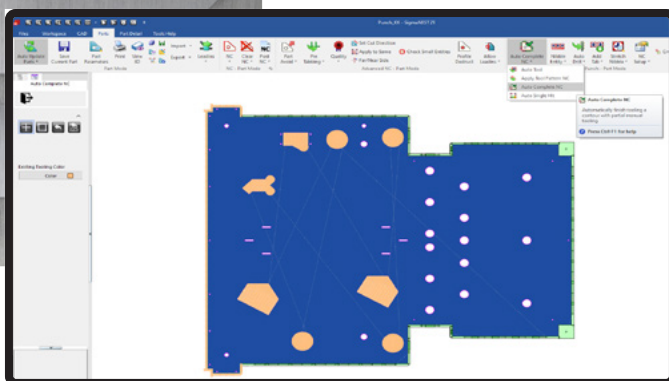
SigmaNEST Punch

SigmaNEST Punch works with all major punch press, turret punch, and combination machines, making it an ideal choice for multi-machine environments. Easily mix Trumpf-style and Thick-Turret style tooling in the Global Tool List. Post Processors are available for all major brands.

Powerful import options include importing part geometry from legacy systems. Automatic geometry repair and geometry substitution during import can save hours of fixing common CAD errors.

Special tooling and wheel-type tools are easy to use. Cluster-tool support boosts productivity. With Pattern Punch technology, SigmaNEST gets smarter every time you use it, improving your tooling results.

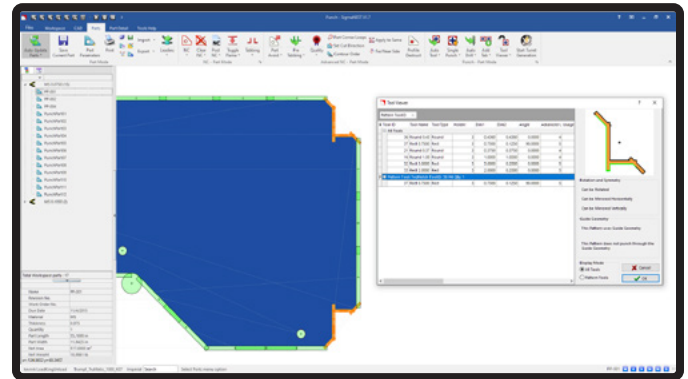
SigmaNEST features easy repositioning for large sheets and clamp zones, as well as support for stacking devices and automatic part removal. Microjointing and tabbing strategies allow you to control skeleton integrity.



- One software programs all major profile cutting and punching machines
- Single interface for tool library and turret configuration
- Autocomplete repetitive tasks

✚ Flexible Part Creation

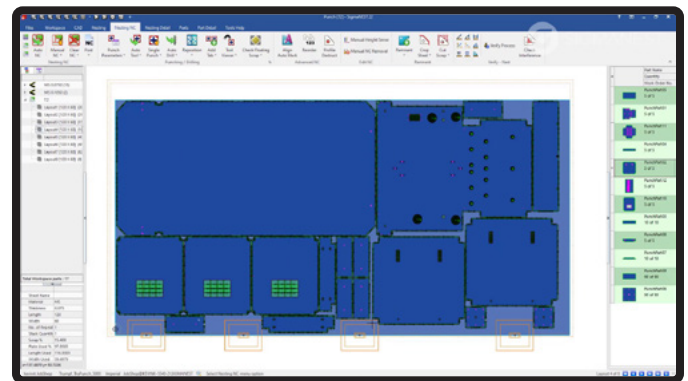
- Diverse import formats and full CAD capabilities for part creation
- Map layers to process, such as marking or cutting, or to quality settings
- Automatic part geometry error detection and correction – validate files, filter geometry, and change weld gaps before creating part
- Choose from extensive shape library, customize and save shapes for future use



User-defined tooling

✚ Automatic Nesting

- Automatic nesting for better yield including pre-nested parts and multiple sheets
- Nesting under clamps with automatic clamp avoidance and corrective repositioning
- Nesting sequence controlled by user-defined priority, process, or work order
- Calculate processing time based on material, thickness, and part quality specifications



Common line nesting for punch

✚ Comprehensive Tooling

- Interactive part and nest mode tooling with autocomplete function for repetitive tasks
- Automatic tool sorting for optimum efficiency
- Dedicated tab tool support, with interactive tabbing and micro-joints
- Easily process large sheets with automatic or interactive repositioning

✚ Full Reporting and Posting

- Integrated costing for parts includes cycle time, operator costs, materials, and overhead
- Automatic, customizable reports
- OEM-specific technology tables cover standard material thicknesses and grades
- Simultaneously post to multiple, compatible machines



Automate punch order for streamlined processing



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