



ProNest® 2019 LTS

CAD/CAM Nesting Software

Accomplish more with ProNest LTS

ProNest LTS is a CAD/CAM nesting software designed for light industrial, mechanized cutting in job shop environments. It provides a software solution for one cutting machine, equipped for either conventional plasma or oxyfuel.

ProNest LTS helps job shops increase material savings, boost productivity, reduce operating costs, and improve part quality by offering the perfect balance between cutting expertise and ease of use.

The software interface is intuitive and surprisingly easy to learn. Your team will be up and running faster, with more efficient programming, and fewer errors.

The ProNest LTS workflow is as easy as:



In addition, ProNest LTS is backed by Hypertherm's global network of professionals, meaning you'll always have access to the service and support you need.



Standard feature highlights

Machine support

- All major brands/manufacturers/models

Part design and development

- Integrated 2D CAD program to create and edit CAD files
- Variable Shape Parts feature to develop common parts from templates

CAD/CAM import and conversion

- Import CAD files (industry-standard file formats)
- Raster to vector converts static images to CAD
- Automatic CAD file correction and error notification
- Automatic spline/ellipse smoothing and reduction
- Separate multiple parts from a single CAD file
- Automatic mapping of CAD layers to processes (cut, mark)

Built-in process expertise

- Process parameters (manual):
 - Separations for part, plate, and pierce spacing
 - Kerf compensation and feedrate
 - lead-in/out style optimized for part geometry and quality
- Pre-heat timing for oxyfuel
- Cut sequencing – automatic or manual

Automatic nesting

- Automatic nesting is included as standard.



Standard feature highlights, continued

Interactive manual nesting

- Color parts according to part property
- Drag, drop, bump, and auto-bump parts on the nest
- Move, mirror, and drag to rotate parts
- Part interference detection
- Edit lead-in/out position and properties within the nest
- Animated cutting sequence simulation

Reporting

- Management and shop reports
- Export reports directly to PDF, Excel Spreadsheet, CSV, or webpage

Output

- Post-processor with NC output
- DXF output

Request a free trial at: www.hypertherm.com/CAM

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