



# ProNest® 2019 LT

CAD/CAM Nesting Software

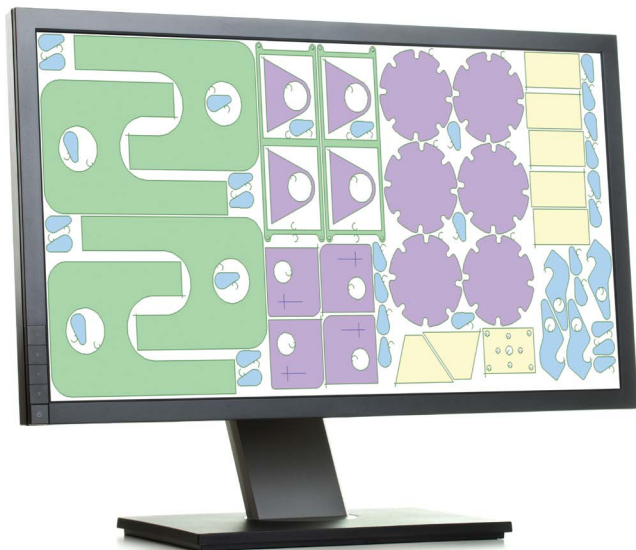
## Accomplish more with ProNest LT

ProNest LT is a powerful CAD/CAM nesting software designed for light industrial, mechanized cutting in production environments. It provides a single software solution for all of your conventional plasma and oxyfuel cutting machines.

ProNest LT helps fabricators and manufacturers increase material savings, boost productivity, reduce operating costs, and improve part quality by offering the right level of cutting expertise for your needs.

It also supports Hypertherm SureCut™ technology, including easy setup, optimized process parameters, and easy trouble shooting.

In addition, ProNest LT 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

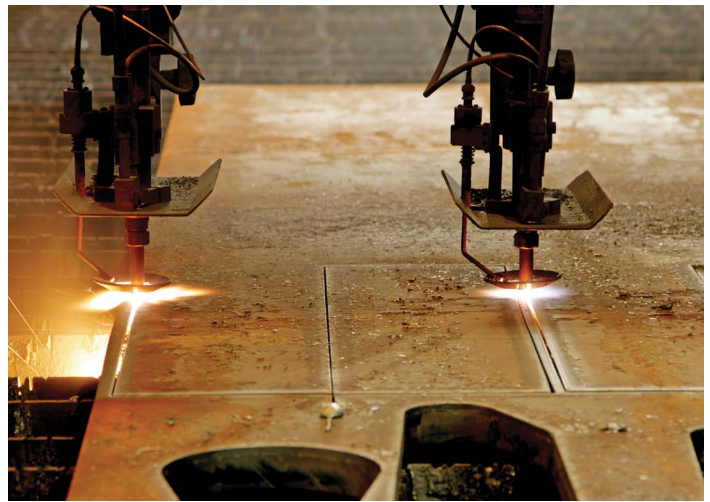
- Import CAD files (industry-standard file formats)
- Raster to vector converts static images to CAD
- Automatic CAD file correction and error notification
- Automatic spline/ellipse smoothing and reduction
- Separate multiple parts from a single CAD file
- Automatic mapping of CAD layers to processes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

### Job set-up

- Material database (with grade and gauge)
- Custom remnant creation (define irregular shapes for nesting)
- Grain constraint
- Safe zones for plate clamping applications
- Multi-head cutting

### SureCut™ technology and built-in process expertise

- Material type, thickness, grade and class-based process parameters:
  - Separations for part, plate, and pierce spacing
  - Kerf compensation and feedrate
  - lead-in/out style optimized for part geometry and quality
  - Cutting techniques
  - Pre-heat timing for oxyfuel
- Cut sequencing – automatic or manual



## Standard feature highlights, continued

### Interactive manual nesting

- Group parts into clusters for nesting
- Color parts according to part property
- Drag, drop, and bump, and auto-bump parts on the nest
- Move, mirror, and drag to rotate parts
- Prohibit / permit nesting inside of a part
- Part interference detection
- Edit lead-in/out position and properties within the nest
- Animated cutting sequence simulation
- Control cut direction and cut sequencing on part-by-part basis
- Plate cropping

### Reporting

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

### Costing

- User-defined machine and labor production costing
- Automatic calculation of part production costs and part/nest utilization

### Output

- Post-processor with NC output
- DXF output

### Optional modules

ProNest LT's modular structure means you only purchase the tools you need.

#### Productivity modules

- Automatic nesting
- Common line cutting
- Chain and bridge cutting
- Skeleton cut-up

#### 3D Process modules

- Pipe and fittings

Request a free trial at: [www.hypertherm.com/CAM](http://www.hypertherm.com/CAM)

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