

Effective April, 2018



**ProNest<sup>®</sup> 2019**  
**Price List**  
North America USD

Hypertherm, Inc.  
FOB Lockport, NY USA





# ProNest® 2019

ProNest is an industry leading CAD/CAM nesting software for advanced mechanized cutting. It provides a single solution for all of your profile cutting needs, including plasma, laser, waterjet, and oxyfuel. It is specifically designed to help fabricators and manufacturers increase material savings, boost productivity, lower operating costs, and improve part quality.

By combining ProNest's standard features with the optional modules of your choice, you can build a nesting solution that is perfectly suited for your business. Start with a recommended package, or go directly to the itemized price list to select your preferred options. Additional modules may be added at any time. Please contact us for more information, or visit [www.hyperthermCAM.com](http://www.hyperthermCAM.com).

## Package Pricing

Package Pricing provides a good starting point in determining your software needs. Each package contains a set of options that are recommended based on your cut process and other business factors. If you use more than one cut process, you do not need to buy two packages, you simply need to customize your order by adding a post processor and any additional appropriate modules. Please see the itemized price list for all custom orders.

Package Recommendations	Local License	Network License
 <b>Plasma Package</b> Includes one base software license plus: <ul style="list-style-type: none"> <li>▪ Advanced plasma machine post processor (True Hole® requirement)</li> <li>▪ Automatic Nesting</li> <li>▪ Collision Avoidance (Rapid Part™ requirement)</li> <li>▪ Skeleton Cut-up</li> <li>▪ Software Subscription (annual)</li> </ul>	\$13,200	\$17,160
 <b>Laser Package</b> Includes one base software license plus: <ul style="list-style-type: none"> <li>▪ Laser machine post processor</li> <li>▪ Automatic Nesting</li> <li>▪ Common Line Cutting</li> <li>▪ Collision Avoidance</li> <li>▪ Skeleton Cut-up</li> <li>▪ Software Subscription (annual)</li> </ul>	\$16,500	\$21,450
 <b>Waterjet Package</b> Includes one base software license plus: <ul style="list-style-type: none"> <li>▪ Waterjet machine post processor</li> <li>▪ Common Line Cutting</li> <li>▪ Collision Avoidance</li> <li>▪ Software Subscription (annual)</li> </ul>	\$10,450	\$13,585
<b>Advanced Recommendations</b>		
 <b>Enterprise Package</b> Combines with one of the packages above to provide the ultimate in nesting efficiency, material management, and business system integration. Including: <ul style="list-style-type: none"> <li>▪ Nesting System Optimization</li> <li>▪ Work Order Processing</li> <li>▪ Plate Inventory</li> <li>▪ Data Sync</li> <li>▪ Software Subscription (annual)</li> </ul>	\$12,650	\$16,445

Itemized Pricing and Options		
ProNest's modular structure means that you only purchase the tools you need. Use the Itemized Pricing list to select the combination of base software and optional modules that is best for you.		
ProNest Base Software	Local License	Network License
<p><b>All standard features including:</b></p> <p><b>Machine Support</b></p> <ul style="list-style-type: none"> <li>- All major brands / manufacturers / models</li> </ul> <p><b>Part Design &amp; Development</b></p> <ul style="list-style-type: none"> <li>- Integrated 2D CAD program to create and edit CAD files</li> <li>- Variable Shape Parts feature to develop common parts from templates</li> </ul> <p><b>CAD/CAM Import &amp; Conversion</b></p> <ul style="list-style-type: none"> <li>- Import CAD files (industry-standard file formats)</li> <li>- Raster to vector converts static images to CAD</li> <li>- Import Bill of Materials properties from CAD files</li> <li>- Automatic CAD file correction and error notification</li> <li>- Automatic spline / ellipse smoothing and reduction</li> <li>- Separate multiple parts from a single CAD file</li> <li>- Automatic mapping of CAD layers to processes (cut, mark)</li> <li>- Automatic update of nest for part revisions</li> <li>- Automatic part corner radiusing for optimized laser cycle time and part quality</li> </ul> <p><b>Job Set-up</b></p> <ul style="list-style-type: none"> <li>- Material database (with grade and gauge)</li> <li>- Customer database</li> <li>- Custom remnant creation (define irregular shapes for nesting)</li> <li>- Plate list</li> <li>- Part library</li> <li>- Assembly database</li> <li>- Grain constraint</li> <li>- Safe zones for plate clamping applications</li> <li>- Multi-head cutting</li> </ul> <p><b>SureCut™ Technology and Built-in Process Expertise</b></p> <ul style="list-style-type: none"> <li>- True Hole® technology capable*</li> <li>- Rapid Part® technology capable*</li> <li>- True Bevel™ technology capable*</li> <li>- Advanced process support and job set up on the CNC*</li> <li>- Material type, thickness, grade and class-based process parameters: <ul style="list-style-type: none"> <li>- Separations for part, plate, and pierce spacing</li> <li>- Kerf compensation and feedrate</li> <li>- Quality and dynamic feedrate calculator for waterjet</li> <li>- Lead-in / out style optimized for part geometry and quality</li> <li>- Cutting techniques</li> <li>- Pre-pierce and edge pierce</li> <li>- Moving pierce techniques for waterjet</li> <li>- Disable automatic height control based on part geometry</li> <li>- Pre-heat timing for oxyfuel</li> </ul> </li> <li>- Cut sequencing – automatic or manual</li> <li>- Vaporize protective film layer prior to laser cutting</li> <li>- Automatic tabbing / micro-joints</li> <li>- Fly cutting</li> <li>- Slug destroy</li> </ul>	\$6,000	\$7,800

<p><b>Interactive Manual Nesting</b></p> <ul style="list-style-type: none"> <li>- Jobs can contain sheets for different material types, thicknesses, and classes</li> <li>- Color parts according to part property</li> <li>- Group parts into clusters for nesting</li> <li>- Drag, drop, bump, and auto-bump parts on the nest</li> <li>- Move, mirror, and drag to rotate parts</li> <li>- Prohibit / permit nesting inside of a part</li> <li>- Part interference detection</li> <li>- Edit lead-in / out position and properties within the nest</li> <li>- Animated cutting sequence simulation</li> <li>- Control cut direction and cut sequencing on part-by-part basis</li> <li>- Plate cropping</li> </ul> <p><b>Reporting</b></p> <ul style="list-style-type: none"> <li>- Management and shop reports</li> <li>- Export reports directly to PDF, Excel Spreadsheet, CSV, or webpage</li> </ul> <p><b>Costing &amp; quoting</b></p> <ul style="list-style-type: none"> <li>- User-defined machine and labor production costing</li> <li>- Automatic calculation of part production costs and part/nest utilization</li> <li>- Quoting tool including itemized part costs, secondary processes, markups, and discounts</li> </ul> <p><b>Output</b></p> <ul style="list-style-type: none"> <li>- OneClick™ feature runs all of your most common job tasks automatically</li> <li>- Post-processor with NC output</li> <li>- DXF output</li> </ul> <p>*Certain hardware and software requirements may apply.</p>		
<p><b>Productivity Modules</b></p>		
<p>Productivity modules are designed to help users become more productive, reduce programming time, improve material utilization, and provide significant overall cost savings.</p>		
<p><b>Automatic Nesting</b></p> <p>Allows you to nest with the click of a button. This module provides a number of powerful and intelligent nesting strategies including the ability to customize settings. You control the balance between nesting speed and material utilization by choosing your preferred strategy. &gt;&gt; <a href="#">More info</a></p>	<p>\$3,500</p>	<p>\$4,550</p>
<p><b>Nesting System Optimization</b> (requires Automatic Nesting module; Plate Inventory module recommended)</p> <p>Delivers additional productivity and material utilization opportunities when combined with the Automatic Nesting module by factoring in the size and shape of your material inventory. This module will calculate every possible combination of parts and nesting strategies against available plates, remnants, or coils until it finds the best possible utilization. &gt;&gt; <a href="#">More info</a></p>	<p>\$1,500</p>	<p>\$1,950</p>
<p><b>Common Line Cutting</b></p> <p>Allows two or more parts to be cut with a common edge or joined with the plate edge. These cuts can be generated manually or automatically. You'll be able to common line dissimilar part profiles across the entire nest. And kerf compensation is performed automatically to provide geometric accuracy. &gt;&gt; <a href="#">More info</a></p>	<p>\$1,500</p>	<p>\$1,950</p>
<p><b>Collision Avoidance</b></p> <p>Avoids potential tip-up scenarios by positioning all lead-ins and lead-outs in such a way that the cutting head always moves away from previous cuts. This can allow the cutting head to stay down continuously and fully retract only when absolutely necessary. This also optimizes the internal cut-sequence for interior profiles and the traverse path, avoiding unnecessary machine travel time. Required for Rapid Part™ technology &gt;&gt; <a href="#">More info</a></p>	<p>\$1,000</p>	<p>\$1,300</p>

<b>Chain and Bridge Cutting</b> Chain Cutting links multiple part profiles into one continuous cut allowing you to reduce piercing and increase consumable life. The chain can be created manually or automatically. Bridge Cutting links parts with a thin web of material which helps prevent tip-ups on small parts. The parts will form a single exterior profile. This can improve geometric accuracy by making parts less prone to the effects of thermal movement. >> <a href="#">More info</a>	\$1,000	\$1,300
<b>Skeleton Cut-Up</b> Applies dedicated cuts to a sheet, making it easy to remove skeleton material from the table when the job is complete. Skeleton cuts are added automatically, but you can also edit lines to meet your needs. Skeleton lines may be cut before or after the parts are cut. >> <a href="#">More info</a>	\$500	\$650
<b>Enterprise Modules</b>		
For more advanced organizations, these modules provide the ultimate in nesting efficiency, material management, and business system integration.		
<b>Data Sync</b> Links ProNest to ERP/MRP software (or steel fabrication management software) providing the communication framework needed to exchange job information (parts and plates) in real time. Additional modules (Work Order Processing or Plate Inventory) may also be recommended. Please contact your Hypertherm representative for more information.	\$2,500	\$3,250
<b>Work Order Processing</b> (includes Data Sync module) Allows you to process work orders from within the nesting screen. It connects ProNest directly to your ERP/MRP system to import work order information in real time. This eliminates manual steps and it makes it easy to combine different work orders into a single job. Upon completion, nest information is passed back to the ERP/MRP system. >> <a href="#">More info</a>	\$7,500	\$9,750
<b>Plate Inventory</b> Provides you with a database to store, track, and utilize all available inventory. Add or create new plates at any time. After completing the job, you'll be able to save remnants and skeletons for later use. >> <a href="#">More info</a>	\$2,500	\$3,250
<b>Plate Inventory plus ERP/MRP Integration</b> (includes Data Sync module) Combines the standard Plate Inventory functionality with the Data Sync module to allow ERP/MRP integration. Allows automatic import and export of plate information. >> <a href="#">More info</a>	\$5,000	\$6,500
<b>3D Process Modules</b>		
For industrial applications that require advanced solutions for 3D part development and processing.		
<b>Pipe and Fittings</b> Provides a library containing numerous parametric fitting developments (or templates) each of which can be used to create your own custom, flat pattern developments. This module is ideal for fabricators working with welded, cylindrical pipe joints and transitions used in blowpipe applications. >> <a href="#">More info</a>	\$3,000	\$3,900
<b>SOLIDWORKS® Software Interface</b> Allows profile and assembly files (*.sldprt;*.sldasm) to be added directly into ProNest's part list. ProNest will open SOLIDWORKS and import the defined geometry based on the profile's model view. A SOLIDWORKS license must reside on the same PC running ProNest. >> <a href="#">More info</a>	\$2,500	\$3,250
<b>Inventor® Software Interface</b> Allows profile and assembly files (*.iam, *.idw, *.ipt) to be added directly into ProNest's part list. ProNest will open Inventor transparently and import the defined geometry based on the profile's model view. An Inventor license must reside on the same PC running ProNest. >> <a href="#">More info</a>	\$2,500	\$3,250

<b>Creo Parametric® (Formerly Pro/E) Software Interface</b> Enables Creo Parametric to export part geometry, and BOM information to *.dxf files that can then be imported into ProNest. Also ask about assembly export (sold separately). This module installs directly into Creo Parametric, and provides menu options for Export, FlatCheck, BOM, etc. The number of ProNest licenses owned and subscription / reinstatement charges do not apply to this module. >> <a href="#">More info</a>	\$5,000	\$6,500
<b>Machine Interfaces</b>		
ProNest is designed to connect with the advanced machinery you use for business. Support for various machine formats is available using these interfaces.		
<b>Reposition Machine Interface</b> (includes one Reposition Machine Post Processor) For users operating a Punch/Plasma or Punch/Laser combination machine. >> <a href="#">More info</a>	\$6,000	\$7,800
<b>Bevel Machine Interface</b> (includes one Bevel Machine Post Processor) For users operating a cutting machine equipped with a programmable bevel head, the Bevel Machine Interface provides a seamless solution for creating the desired NC output. >> <a href="#">More info</a>	\$7,500	\$9,750
<b>Drill Machine Interface</b> (includes one Drill Machine Post Processor) For users operating plasma or oxyfuel cutting machines that incorporate drilling, tapping, and other spindle operation capability, the Drill Machine Interface provides advanced support. >> <a href="#">More info</a>	\$3,500	\$4,550
<b>Plate Machine Interface</b> (includes one Plate Machine Post Processor) For users of plate combination machines, the Plate Machine Interface allows ProNest to support all available functionality, including various cut processes, drilling, and punching. >> <a href="#">More info</a>	\$6,000	\$7,800
<b>Post Processors</b>		
In most instances a post processor is necessary to convert nest information into NC code that can be transferred and read by a CNC control. More than one post processor may be required to support multiple machines / CNC controls.		
<b>Standard Plasma and Oxyfuel Machine Post Processor</b> Functionality includes scribe/mark support, feedrate by hole size, variable kerf output, voltage lockout, pre-piercing, etc. Support may vary by manufacturer and machine model.	Included	Included
<b>Advanced Plasma and Oxyfuel Machine Post Processor</b> Functionality includes Hypertherm's Part Program Support, Burny Advanced Command Messaging, ESAB's SDP File Support, Automatic Torch Spacing, Automatic Gas Console Support, etc. Advanced Plasma is required for True Hole technology. Support may vary by manufacturer and machine model.	\$1,000	\$1,300
<b>Laser Machine Post Processor</b> Provides support for fiber and CO2 laser systems. Functionality includes scribe/mark support, cut conditions/tech tables by hole size, multiple pierce conditions, corner to radius conversion, vaporization, sub-routines, etc. Support may vary by manufacturer and machine model.	\$2,500	\$3,250
<b>Waterjet Machine Post Processor</b> Functionality includes scribe/mark support, dynamic feedrate calculator supporting feedrate quality and machineability factor, lead-in and pre lead-out ramping, corner and variable radii ramping, dynamic piercing, nest background image, etc. Support may vary by manufacturer and machine model.	\$1,000	\$1,300

<b>Reposition Machine Post Processor</b> (requires Reposition Machine Interface) Features an automated simulation for tool path verification, automatic error check for over-tonnage and tool diameter problems, and a tooling report for the operator that shows tool loading information, suggested die sizes, and production time estimates. Support may vary by manufacturer and machine model.	\$1,000	\$1,300
<b>Bevel Machine Post Processor</b> (requires Bevel Machine Interface) Supports bevel and perpendicular cutting operations (as described under Advanced Plasma Machine Post Processor). Functionality is linked to the Machine Interface. Support may vary by manufacturer and machine model.	\$2,500	\$3,250
<b>Drill Machine Post Processor</b> (requires Drill Machine Interface) Functionality is linked to the Machine Interface. Support may vary by manufacturer and machine model.	\$2,000	\$2,600
<b>Plate Machine Post Processor</b> (requires Plate Machine Interface) Functionality is linked to the Machine Interface. Support may vary by manufacturer and machine model.	\$1,000	\$1,300
<b>Custom Post Processor</b> Please <a href="#">contact us</a> for any post processors that are not covered above.	Call for pricing	Call for pricing
<b>Additional Licences</b>		
A software license can only be used by one person at a time. Additional licenses allow for multiple simultaneous users. These are offered at a percentage of the total list price, however this offer is restricted to the same company site/location where the first license resides. Other company sites/locations must first purchase their own primary license.		
<b>Additional License Options</b> A local license is housed on an individual PC and activates the software using a USB security device. The license can be moved to another PC by moving the device. If additional local licenses are purchased, each one will have its own USB security device. A network license is housed on a server or network connected PC. It also uses a USB security device, but any network connected PC can access the license. If additional network licenses are purchased, they will be assigned to the same USB security device, and they will each be made available for use over the network.	10%	10%
<b>Software Upgrades, Support, and Training</b>		
ProNest is backed by the most dedicated and knowledgeable technical support team in the business. Our team of specialists has many years of industry experience with nesting software and CAM applications, offering a level of expertise and support that is second to none.		
<b>ProNest Software Subscription - New Orders / Uninterrupted Renewals</b> (required for all new orders of ProNest) Provides training, unlimited technical support, all software updates and upgrades released during your subscription, knowledge base, and beta community access. Subscription is renewed on an annual basis. This charge applies to new ProNest orders and uninterrupted renewals. A discount for uninterrupted renewal is reflected in the price. >> <a href="#">More info</a>	10%	10%
<b>ProNest Software Subscription – Interrupted Reinstatements</b> This charge applies to existing customers who have lapsed in their subscription and want to reinstate. A penalty for interrupted reinstatement is reflected in the price. Software Version Upgrade fees may also apply.	20%	20%
<b>Software Version Upgrade</b> For upgrading from a prior to the latest software version. This charge is applied for each missed version. Software subscription must also be added.	20%	20%
Prices do not include taxes and tariffs. All prices in US Dollars, FOB Lockport, NY, USA.		