Hypertherm®

ERP/MRP Integration

Connecting ProNest to third party software

Today's integrated work environment

Managers today are turning to software integration as a way to improve efficiency and increase productivity across the enterprise.

ProNest®, Hypertherm's advanced CAD/CAM nesting software for automated cutting, can be integrated with virtually any third party software including ERP (Enterprise Resource Planning) and MRP (Manufacturing Resource Planning) systems.
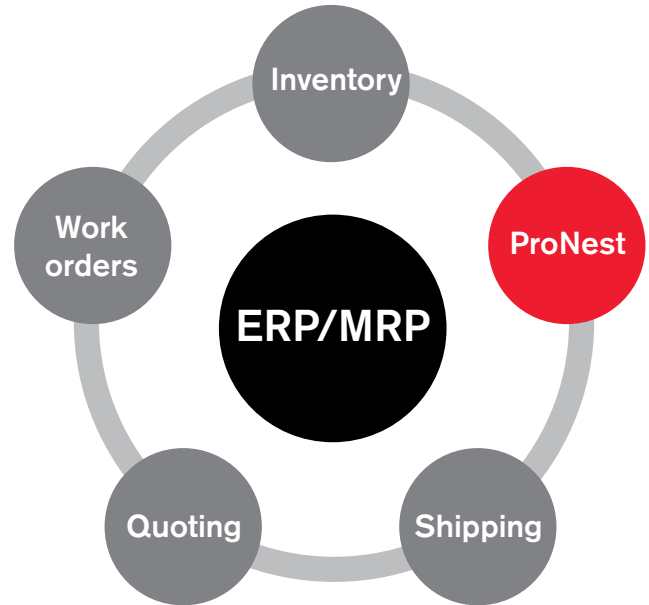
With your nesting work connected to all other areas of your business, you'll be able to eliminate manual and redundant tasks that exist in the workflow. Jobs will be managed, tracked, and combined more easily. And inventory will be better managed for faster turnover. All of which adds to your profitability.

Why ProNest?

If you have an ERP/MRP solution today, consider that advanced nesting software provides superior nesting performance and supports more advanced cutting techniques than standard nesting programs.

ProNest provides mechanized cutting users with a single solution for 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.

ProNest contains more built in process expertise than any other software, and allows you to leverage breakthrough cutting technologies like True Hole®, Rapid Part™, and True Bevel™.
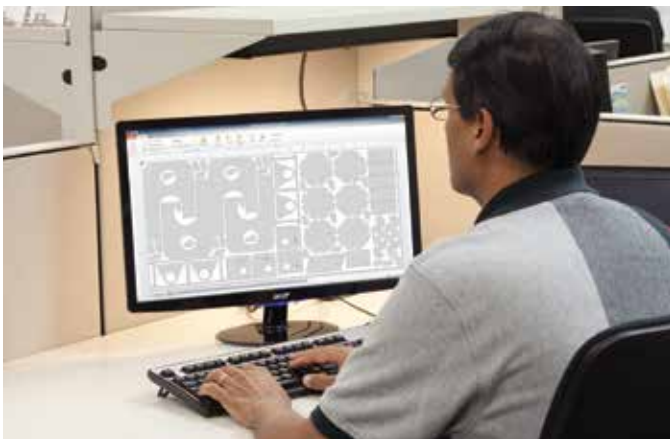

Why ERP/MRP?

If you have ProNest today, consider that a third party ERP/MRP solution can extend efficiencies more broadly across the organization than ProNest alone.

ERP products typically offer a broad range of solutions covering everything from manufacturing, to finance, to human resources, and more. MRP products are typically more specific to the needs of manufacturers or fabricators, and cover areas like quoting, inventory, work orders, and shipping.

ProNest integration is designed to be flexible, allowing you to choose the ERP/MRP solution that's right for you – whether it's best-in-class, budget friendly, or industry specific.

How to integrate with ProNest

There are three optional modules available in ProNest® that are used to enable and support ERP/MRP integration:

Module	Description	Usage requirements
Data Sync	Links ProNest to ERP/MRP software, providing the communication framework needed to exchange job information (parts and plates) in real time. Inside the ProNest part list and plate list, users may work with the data supplied from ERP/MRP, and then may return updated part and plate information to ERP/MRP. Data Sync provides plug-and-play integration and setup can be completed in as little as 15 minutes.*	Required for all integrations.
Work Order Processing	Allows for the exchange of all work order related information (in addition to parts and plates). All work order information may then be viewed and managed inside of ProNest, for the most efficient nesting. The ProNest Work Order Processing interface allows for sorting, grouping, combining, and tracking of all work order data, including change orders.	Recommended. Use as your primary work order processing solution, or to enhance existing ERP/MRP functionality.
Plate Inventory	Maintains a database in ProNest to store, track, and utilize all of the plate information that has been imported from ERP/MRP. After job completion, remnants are stored for future use and all plate usage data is reported back to ERP/MRP.	Recommended. Use as your primary plate inventory solution, or to enhance existing ERP/MRP functionality.

*Some integrations may take longer, or require custom development work.

Which ERP/MRP programs work with ProNest?

ProNest is designed to work with virtually any ERP/MRP program. This flexibility allows you to choose the solution that's right for you – whether it's best-in-class, budget friendly, or industry specific. Some example ProNest integrations include: Epicor®, FabSuite™, FabTrol®, Global Shop Solutions®, Oracle®, SAP®, Sage™, and StruM.I.S.™

Feel free to contact us if you do not see your ERP/MRP program listed here.

Visit our website www.hypertherm.com/CAM or contact your trusted partner to request a free production trial.

One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers' success. We are always striving to become better environmental stewards; it is a process we care deeply about.

Greener Cuts™