

# Production Manager

ProNest optional module



Enterprise modules



## Benefits

- Promote company-wide visibility and data insights
- Maximized machine up-time
- Better on-time delivery

## About

No more guessing what's happening out on the shop floor. Production Manager provides you with a dashboard showing the current status of each cutting machine at your facility and details for each nest/job that you produce. It tracks job progress, alerts you to stoppages, and provides valuable insights into your overall cutting performance.

## How it works

Production Manager is a web application that runs from any PC or mobile device web browser that's connected to your internal company network.

First, Production Manager collects data from ProNest<sup>®</sup> as nests are output for cutting. These nests are then displayed in Production Manager, allowing visibility to the rest of the organization, and marked with a "pending" status while they await production with the specified machine.

During this time, users throughout the organization can view nest details including an image of the nest, and if necessary, make changes prior to cutting:

- Production team members may need to cancel an order, put it on hold, or send it back to the nesting programmer to add or remove parts based on last-minute changes. They can also view machine backlogs to ensure loads are balanced across cutting machines to keep production running smoothly.

- Nesting programmers may need to review nests for available space to accommodate a high priority order, find opportunities for improvement such as adding filler parts, or combine orders for greater plate utilization.

Next, when a machine operator starts cutting a new job, they'll be able to use the Production Manager web application (accessed from any PC or mobile device) to log start, stop, and complete times for the job.

As machine activity is logged, Production Manager provides real-time status updates to the rest of the organization:

- Production team members can see if a machine has stopped cutting, or how much time is left on a particular job.
- The inventory team can see how much plate is pending, and is able to swap inventory out when the original inventory is not available.
- The sales team can access the estimated lead times for each machine for improved quoting and estimating.
- Customer service can check the production status for specific parts, work orders, or customers.
- Management can view the day's progress, track productivity versus daily average, and spot problems as they arise.

### Standard feature highlights

- Dashboard view showing current status of production and daily averages
- Search tool including nests/jobs, plates, and work orders
- Reorder the queue of pending nests
- Swap the inventory plate used for a nest if necessary
- Keep track of scrapped parts
- Plate inventory marked as consumed, new remnants made available in database\*
- Changes to plate inventory made on the shop floor are automatically updated in the database\*
- Pending nest inventory requirements versus stock on hand\*
- Supports ERP/MRP/MES integration with ability to mark work order parts as cut\*

\*Requires optional module



### EDGE Connect integration

In addition, for owners of the Hypertherm EDGE® Connect CNC, machine data can be captured automatically as Production Manager supports a direct connection to the CNC.

### Consider including other Enterprise modules to further improve your operation:

- Data Sync
- Plate Inventory
- Work Order Processing

Visit our website to request a demo:  
[www.hypertherm.com/CAM](http://www.hypertherm.com/CAM)

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