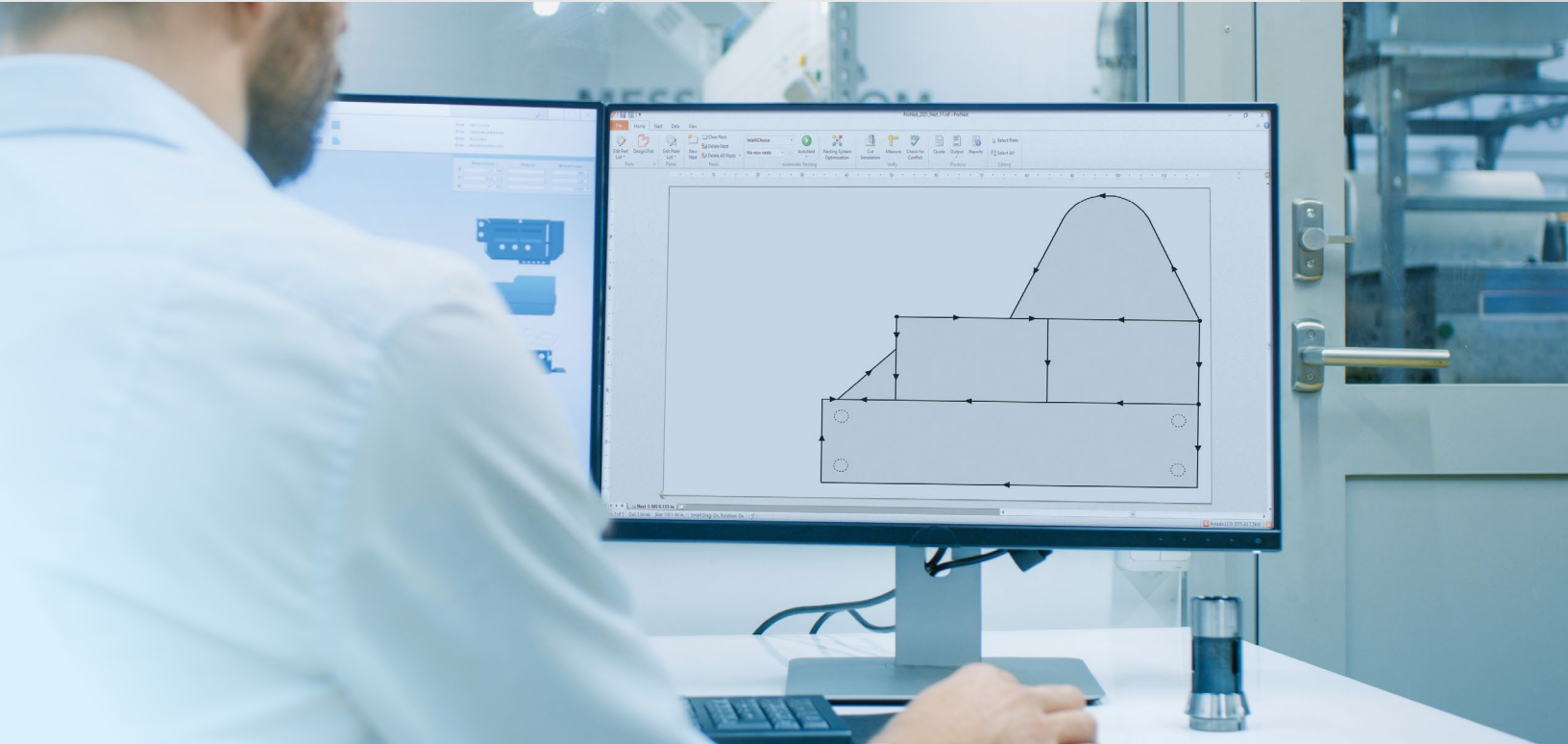


# Common Line Cutting

ProNest optional module



Productivity modules



## Benefits

- Better productivity
- Operating cost savings
- Increased material utilization

## About

With Common Line Cutting (CLC) you can easily share the common edges of adjacent parts. This feature can be applied manually to create a pair or a quad, or automatically to add all remaining similar parts in the part list.

Kerf compensation is applied automatically and can be set as crossing or non-crossing, depending on the cut process used. Safety cuts can also be applied to help avoid potential tip up situations. In addition, you'll be able to common line dissimilar part profiles across the entire nest. And you'll be able to nest parts in common with the plate edge for even greater material utilization. Common Line Cutting also allows users to fully customize the tool path on all parts.

## Here is what people are saying about Common Line Cutting:

“Our requirements for a CLC cut path take into account movement from heat and stresses within the material, and must provide part repeatability, which we get from ProNest<sup>®</sup>.”

ProNest's CLC feature has decreased our production time anywhere from twelve to as much as forty percent. We have also seen an increase in material utilization.

We now CLC as many jobs as we can to reduce production costs.”

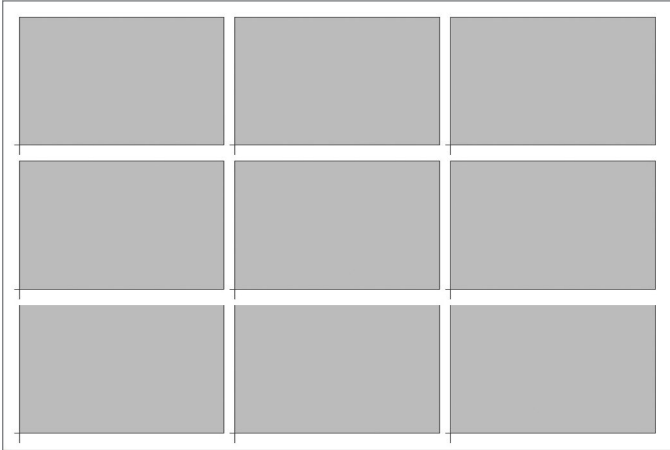
– Olympic Steel

## Before and after

When common-line-cutting you'll be maximizing efficiency. Fewer pierces and reduced cutting distance will maximize productivity and consumable life. At the same time you'll be saving material by eliminating the separation between parts that otherwise becomes scrap.

### Before Common Line Cutting

Parts nested: 9  
True utilization: 75%



### After Common Line Cutting

Parts nested: 14  
True utilization: 90%



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

- Automatic Nesting
- Nesting System Optimization
- Collision Avoidance
- Chain and Bridge Cutting
- Skeleton Cut-up

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

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