TigerSaw 1000™ is the perfect fully automated optimizing push feed saw station for fast and accurate cutting of wood and plastic materials. It increases yield, accuracy, and productivity at the best value point in the industry, offering uncompromising quality.
Fast and Accurate
Fully Automated Optimizing Saw System For Wood and Plastics

Improved Yields
Dynamic Optimization™ software comes standard and automatically determines the best yield from your cut list. Improved material yield saves money and reduces waste. It allows operators to optimize perfectly, because TigerSaw 1000 is doing the math.

Drop A Grade Of Lumber With Crayon Defect Marking
Operators use a UV Crayon to mark defects in the material. TigerSaw 1000 cuts around those defects and optimizes the clear material while cutting parts. When defecting and optimizing in-house, shops can downgrade to lower cost lumber and retain the same high quality. See your lumber bill shrink with TigerSaw 1000.

Process Pack/Bundles
Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw 1000’s adjustable cutting envelope can accommodate pack sizes from 6in x 6in to 1in x 16in envelopes and the HeavyDuty 2 can push loads up to 2,100 lbs.

5-Piece Door Panel Optimization
Processing random width lumber for seamless panel glue-up is difficult and time consuming. Using TigerSaw 1000’s Dynamic Optimization you can processes panel lists optimized for width.

Features
• Adjustable cutting envelope
• Best in class material optimization with Dynamic Optimization™
• Advanced dust collection
• Pack/bundle and panel list capability using Dynamic Pack Optimization™ software and Flooring Optimization™ software
• 5-piece door panel optimization
• Push up to 120 lbs using TigerStop, 840 lbs using TigerTurbo, and 2,100 lbs using HeavyDuty 2
• TigerLink 6 Cut List Downloading software
• Downloading patterns

Options
• Power options for TigerSaw 1000 are 208V, 230V, and 480V 3-phase
• Crayon Defect Marking
• Automatic horizontal & vertical pneumatic clamping
• Touch screen control with TigerTouch
• Inkjet or label printing
Crayon Defect Marking

Dynamic Optimization™

Dynamic Pack Optimization™

TigerSaw 1000 - Cutting Envelope
500mm Saw Blade

Cut Width

Cut Height

*Note: The saw blade must be repositioned to reach each maximum cut

TigerSaw 1000 - Cutting Envelope
450mm Saw Blade

Cut Width

Cut Height

*Note: The saw blade must be repositioned to reach each maximum cut

Learn more: www.tigerstop.com
## COMPARISON CHART

<table>
<thead>
<tr>
<th>Product</th>
<th>Max Load Push</th>
<th>Power Requirement</th>
<th>Drive Type</th>
<th>Accuracy</th>
<th>Working Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>TigerSPC</td>
<td></td>
<td>Caliper</td>
<td>2 AA Battery</td>
<td>+/- .008” +/- 0.2mm</td>
<td>0’ - 20’ 0m - 6m</td>
</tr>
<tr>
<td>SawGear</td>
<td></td>
<td>Stop Only</td>
<td>110 Vac</td>
<td>+/- .008” +/- 0.2mm</td>
<td>8’ - 20’ 2.4m - 6m</td>
</tr>
<tr>
<td>TigerCrossCut</td>
<td></td>
<td>Stop Only</td>
<td>110 / 240 Vac</td>
<td>3/4” Hi-Lead Screw</td>
<td>10’ 3m</td>
</tr>
<tr>
<td>TigerFence</td>
<td></td>
<td>Stop Only</td>
<td>110 / 240 Vac</td>
<td>3/4” Hi-Lead Screw</td>
<td>51” or 70” 1.29m - 1.77m</td>
</tr>
<tr>
<td>TigerStop</td>
<td>180 LBS</td>
<td>110 / 240 Vac</td>
<td>32mm Belt Steel Reinforced</td>
<td>+/- .004” +/- 0.1mm</td>
<td>4’ - 30’ 1.2m - 9.1m</td>
</tr>
<tr>
<td>TigerRack</td>
<td>720 LBS</td>
<td>110 / 240 Vac</td>
<td>Rack &amp; Pinion</td>
<td>+/- .008” +/- 0.2mm</td>
<td>12’ - 108’ 3.7m - 32.9m</td>
</tr>
<tr>
<td>TigerTurbo</td>
<td>840 LBS</td>
<td>110 / 240 Vac</td>
<td>75mm Belt Steel Reinforced</td>
<td>+/- .008” +/- 0.2mm</td>
<td>12’ - 42’ 3.7m - 12.8m</td>
</tr>
<tr>
<td>HeavyDuty 2</td>
<td>2100 LBS</td>
<td>110 / 240 Vac</td>
<td>Rack &amp; Pinion</td>
<td>+/- .008” +/- 0.2mm</td>
<td>12’ - 108’ 3.7m - 32.9m</td>
</tr>
<tr>
<td>TigerSaw 1000</td>
<td>2100 LBS</td>
<td>208 / 480 Vac</td>
<td>32mm Belt Steel Reinforced or Rack &amp; Pinion</td>
<td>+/- 0.12” +/- 0.3mm</td>
<td>8’ - 108’ 2.4m - 32.9m</td>
</tr>
<tr>
<td>TigerSaw 2000</td>
<td>2100 LBS</td>
<td>208 / 480 Vac</td>
<td>32mm Belt Steel Reinforced or Rack &amp; Pinion</td>
<td>+/- 0.12” +/- 0.3mm</td>
<td>8’ - 108’ 2.4m - 32.9m</td>
</tr>
<tr>
<td>TigerSaw Miter</td>
<td>2100 LBS</td>
<td>230 Vac</td>
<td>32mm Belt Steel Reinforced or Rack &amp; Pinion</td>
<td>+/- 0.1” +/- 0.012”</td>
<td>8’ - 108’ 2.4m - 32.9m</td>
</tr>
<tr>
<td>TigerSaw MiterXL</td>
<td>2100 LBS</td>
<td>230 Vac</td>
<td>32mm Belt Steel Reinforced or Rack &amp; Pinion</td>
<td>+/- 0.1” +/- 0.012”</td>
<td>8’ - 108’ 2.4m - 32.9m</td>
</tr>
<tr>
<td>AutoLoader</td>
<td>5x100 LBS</td>
<td>110 / 240 Vac</td>
<td>Pneumatic</td>
<td>N/A</td>
<td>4’ - 30’ 1.2m - 9.1m</td>
</tr>
</tbody>
</table>

*Made in USA from domestic and foreign components.*