

# TigerSaw 1000

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.



**TigerStop®**  
fast and accurate...every time



# 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 process panel lists optimized for width.

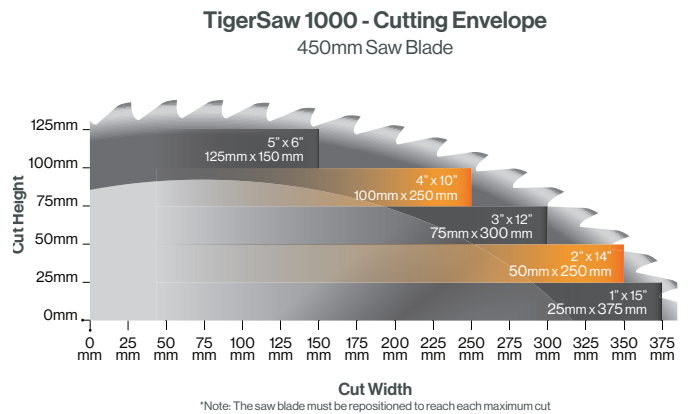
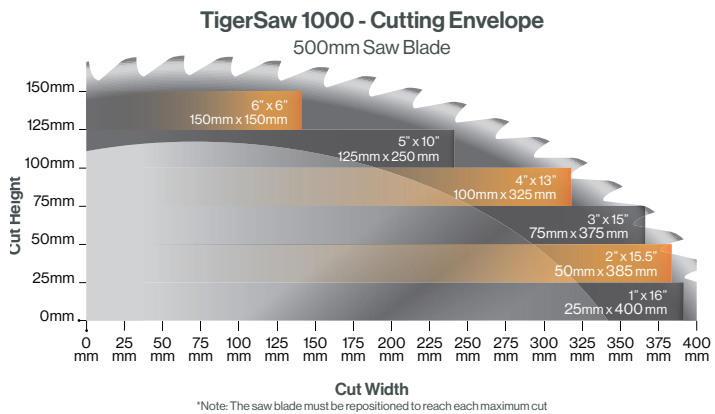
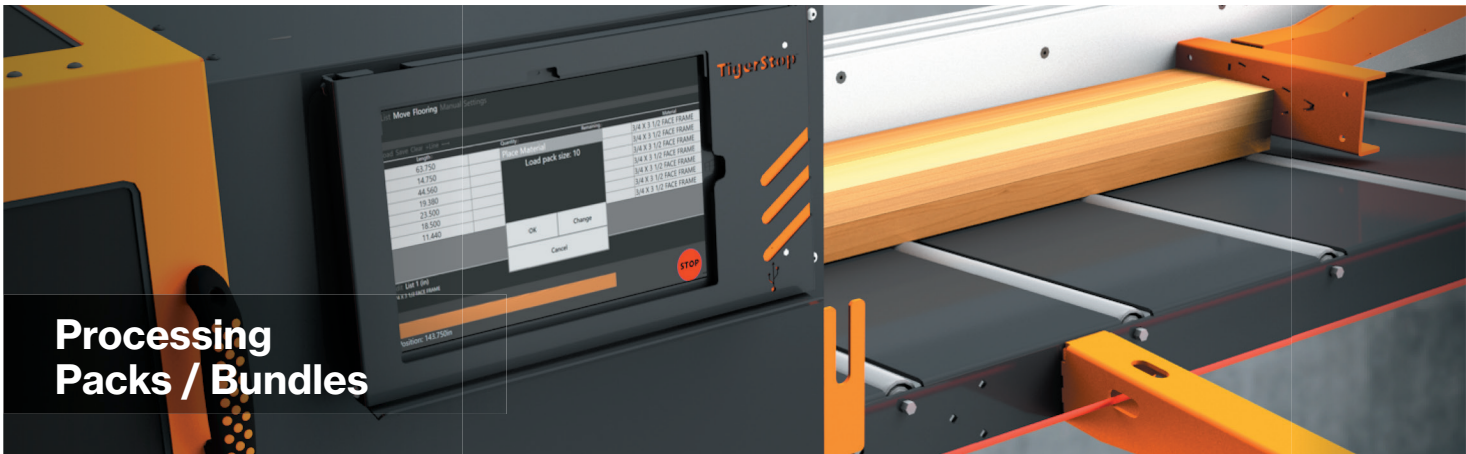
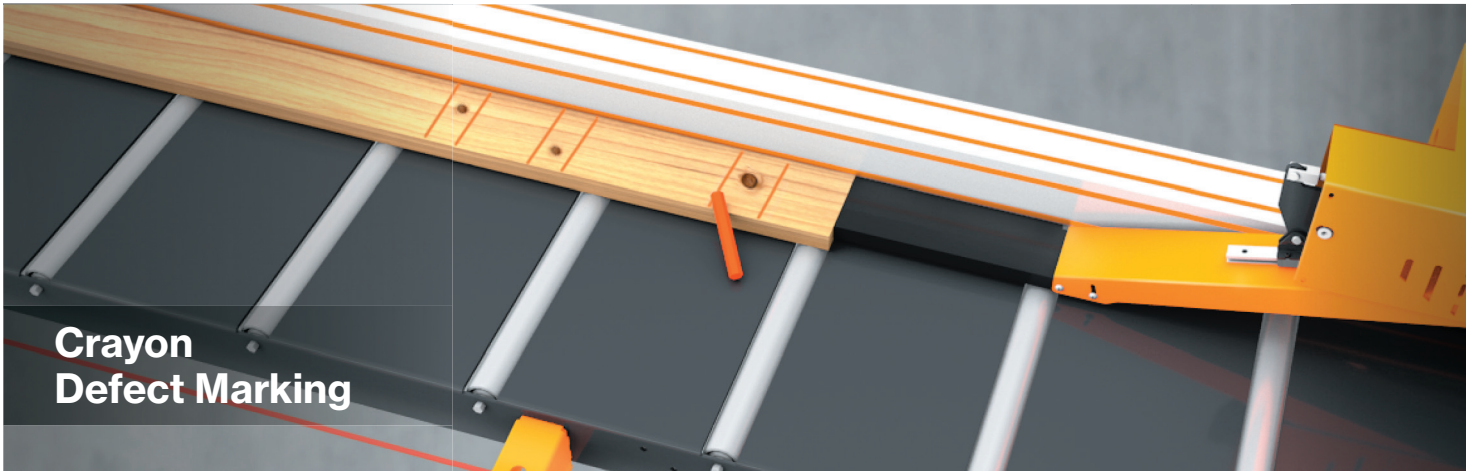
### Features

- 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





Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# TigerStop Product

## COMPARISON CHART

| Product   | Max Load Push        | Power Requirement              | Drive Type  | Accuracy                  | Working Length                |
|---|----------------------|--------------------------------|---|---------------------------|-------------------------------|
|  TigerSPC         | Caliper              | 2 AA Battery                   | 32mm Belt<br>Steel Reinforced                     | +/- .008 in<br>+/- 0.2 mm | 0ft - 20ft<br>0m - 4.8m       |
|  SawGear          | Stop Only            | 110 Vac                        | 32mm Belt<br>Steel Reinforced                     | +/- .008 in<br>+/- 0.2 mm | 8ft - 20ft<br>2.4m - 4.8m     |
|  TigerCrossCut    | Stop Only            | 110 / 240 Vac                  | 3/4"<br>Hi-Lead Screw                             | +/- .003"<br>+/- 0.08mm   | 10ft<br>3m                    |
|  TigerFence       | Stop Only            | 110 / 240 Vac                  | 3/4"<br>Hi-Lead Screw                             | +/- .003"<br>+/- 0.08mm   | 51in or 70in<br>1.27m - 1.72m |
|  TigerStop        | 120 LBS<br>54 KG     | 110 / 240 Vac                  | 32mm Belt<br>Steel Reinforced                     | +/- .004"<br>+/- 0.1mm    | 4ft - 30ft<br>1.2m - 9.1m     |
|  TigerRack       | 720 LBS<br>326 KG    | 110 / 240 Vac                  | Rack & Pinion                                     | +/- .008"<br>+/- 0.2mm    | 12ft - 108ft<br>3.7m - 32.9m  |
|  TigerTurbo     | 840 LBS<br>381 KG    | 110 / 240 Vac                  | 75mm Belt<br>Steel Reinforced                     | +/- .008"<br>+/- 0.2mm    | 12ft - 42ft<br>3.7m - 12.8m   |
|  HeavyDuty 2    | 2100 LBS<br>952 KG   | 110 / 240 Vac                  | Rack & Pinion                                     | +/- .008"<br>+/- 0.2mm    | 12ft - 108ft<br>3.7m - 33m    |
|  TigerSaw 1000  | 2100 LBS<br>952 KG   | 208 / 480 Vac                  | 32mm Belt Steel<br>Reinforced or<br>Rack & Pinion | +/- .012"<br>+/- 0.3mm    | 8ft - 108ft<br>2.4 - 32.9m    |
|  TigerSaw 2000  | 2100 LBS<br>952 KG   | 208 / 480 Vac                  | 32mm Belt Steel<br>Reinforced or<br>Rack & Pinion | +/- .012"<br>+/- 0.3 mm   | 8ft - 108ft<br>2.4m - 32.9m   |
|  TigerSaw Miter | 2100 LBS<br>952 KG   | 208 / 480 Vac                  | 32mm Belt Steel<br>Reinforced or<br>Rack & Pinion | +/- 0.1°<br>+/- .008 in   | 8ft - 108ft<br>2.4m - 32.9m   |
|  AutoLoader     | 5x100 LBS<br>45.3 KG | 110 / 240 Vac<br>208 / 480 Vac | Pneumatic   | N/A                       | 4ft - 30ft<br>1.2m - 9.1m     |



National Institute of Standards and Technology Certified.  
• Made in USA from domestic and foreign components.

**TigerStop USA**  
12909 NE 95th Street  
Vancouver, WA 98682  
P: 360.254.0661 • F: 360.260.0755

**TigerStop Europe**  
Bedrijvenstraat 17 NL-7641 AM Wierden  
Nederland  
P: +31.546.57.51.71

**TigerStop Mexico**  
Presidente Masaryk 61 - 901B Col. Polanco,  
Delegación Miguel Hidalgo C.P. 11565, México D.F.  
Lada sin Costo: 01.800.890.9651 • P: +52.55.4999.4206