

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.

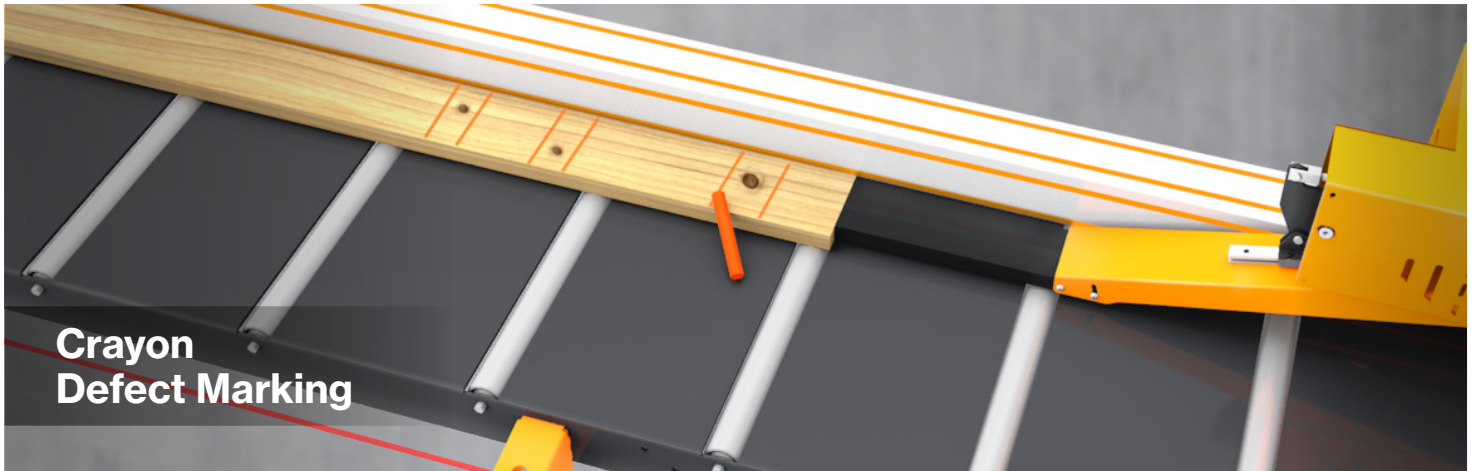
Features

- 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

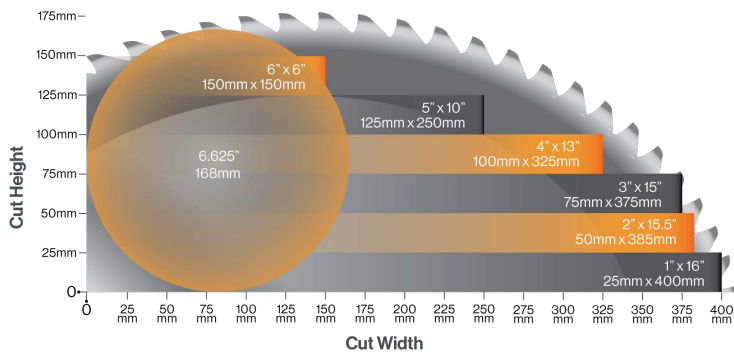
Options

- 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



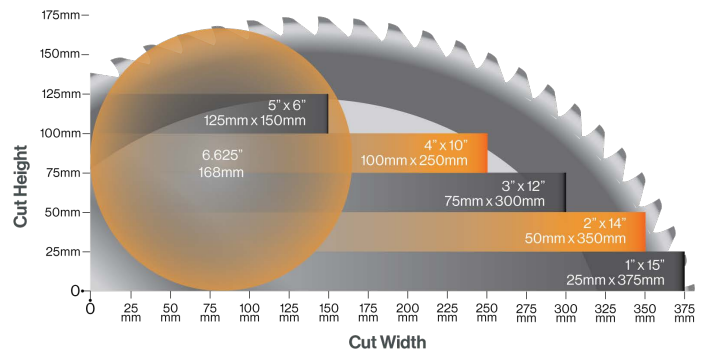


TigerSaw 1000 - Cutting Envelope
500mm Saw Blade



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

TigerSaw 1000 - Cutting Envelope
450mm Saw Blade



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

Learn more: www.tigerstop.com

TigerStop Product

COMPARISON CHART

Product	Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
 TigerSPC	Caliper	2 AA Battery	N/A	+/- .008" +/- 0.2mm	0' - 20' 0m - 6m
 SawGear	Stop Only	110 Vac	32mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	8' - 20' 2.4m - 6m
 SawGear Touch	Stop Only	110 Vac	32mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	8' - 20' 2.4m - 6m
 TigerFence	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08mm	51" or 70" 1.29m - 1.77m
 TigerStop	90lbs/41kg Solid Tables 180lbs/81kg Roller Tables	110 / 240 Vac	32mm Belt Steel Reinforced	+/- .004" +/- 0.1mm	4' - 30' 1.2m - 9.1m
 TigerRack	300lbs/136kg Solid Tables 720lbs/327kg Roller Tables	240 Vac	Rack & Pinion	+/- .008" +/- 0.2mm	12' - 108' 3.7m - 32.9m
 TigerTurbo	350lbs/159kg Solid Tables 840lbs/381kg Roller Tables	240 Vac	75mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	12' - 42' 3.7m - 12.8m
 HeavyDuty 2	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	240 Vac	Rack & Pinion	+/- .008" +/- 0.2mm	12' - 108' 3.7m - 32.9m
 TigerSaw 1000	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	208 / 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3mm	8' - 108' 2.4m - 32.9m
 TigerSaw 2000	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	208 / 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3mm	8' - 108' 2.4m - 32.9m
 TigerSaw MiterXL	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	400 - 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- 0.1° +/- .012"	8' - 108' 2.4m - 32.9m
 AutoLoader	5x100 LBS 5x45.36 KG	110 / 240 Vac 208 / 480 Vac	Pneumatic	N/A	4' - 30' 1.2m - 9.1m

• Made in USA from domestic and foreign components.

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