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.

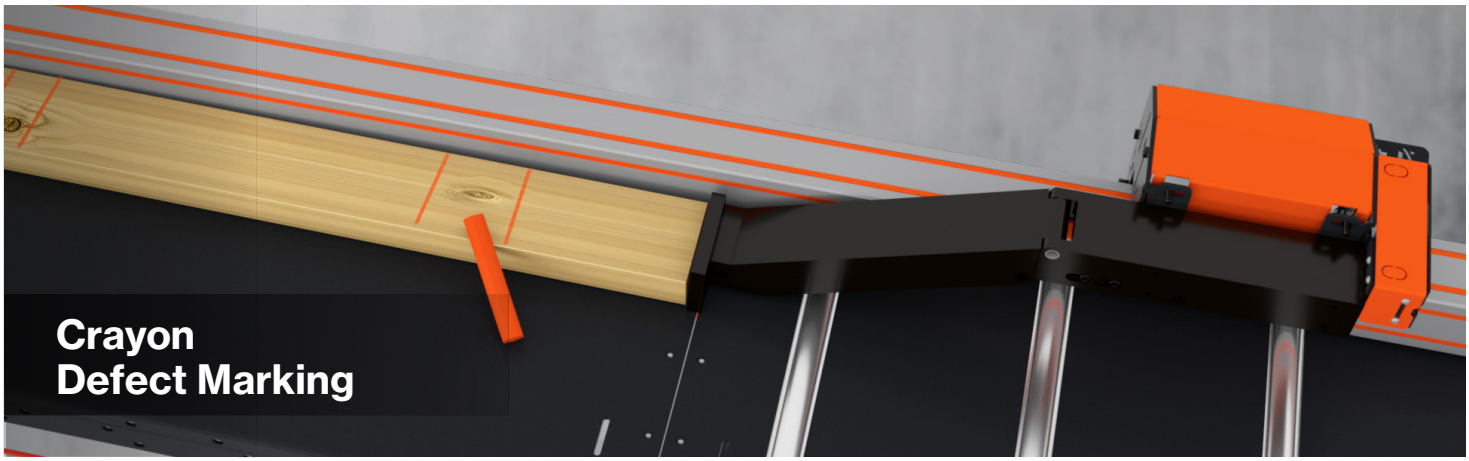
Process Pack/Bundles
Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw™ 1000's adjustable cutting envelope can accommodate pack sizes from 6.25" x 6.25" to 1.25" x 16" envelopes.

Features
- Adjustable cutting envelope
- Best in class material optimization with Dynamic Optimization
- TigerLink 6 or the NEW TigerLink 7 Cut List Downloading software
- Touch screen control
- Automatic vertical pneumatic clamping

Options
- Pushing Capacities:
  - Push up to 300 lbs using the NEW TigerStop Pro
  - Push up to 840 lbs using TigerTurbo
  - Push up to 2,100 lbs using HeavyDuty 2
- Power options for TigerSaw™ 1000 are 208V, 230V, and 480V 3-phase
- Crayon Defect Marking
- Automatic horizontal pneumatic clamping
- Inkjet or label printing
- Pack/bundle capability using Dynamic Pack Optimization software

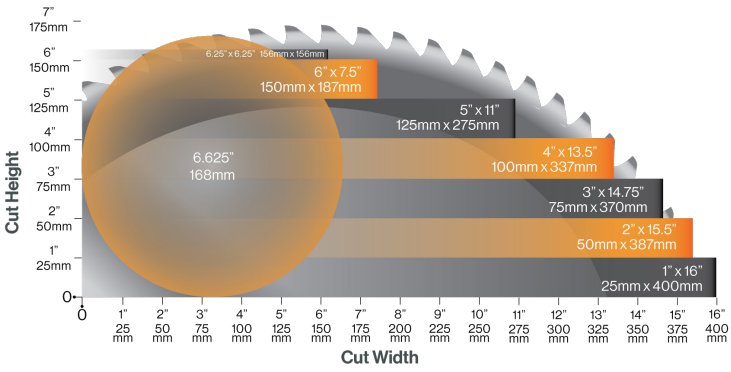
Build your very own by visiting:
https://www.tigerstop.com/build-your-own/

Learn more: www.tigerstop.com



TigerSaw 1000 - Cutting Envelope

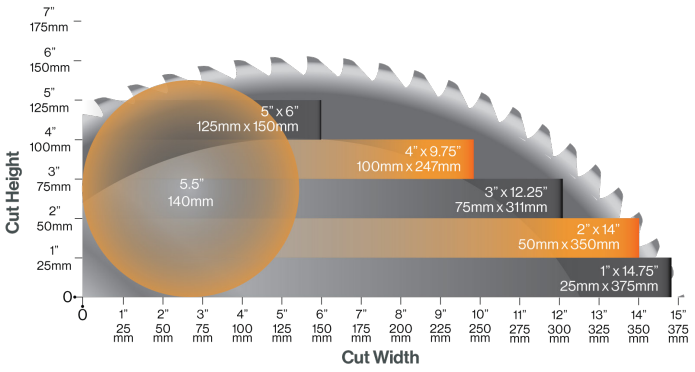
508mm Saw Blade



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

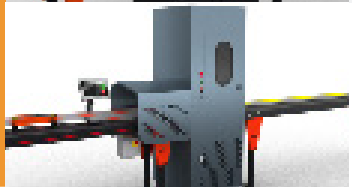
TigerSaw 1000 - Cutting Envelope

450mm Saw Blade



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

COMPARISON CHART

	Product		Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
CORE		TigerFence	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08 mm	51" or 70" 1.29 m or 1.77 m
		SawGear Touch®	Stop Only	110 Vac	32 mm Belt Steel Reinforced	+/- .008" +/- 0.2 mm	8' - 20' 2.4 m - 6 m
		TigerStop Pro™	150 lbs/68 kg Solid Tables 300 lbs/136 kg Roller Tables	120 / 240 Vac	32 mm Belt Steel Reinforced	+/- .004" +/- 0.1 mm	4' -30' 1.2 m - 9.1 m
		HeavyDuty Pro	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	240 Vac	Rack & Pinion	+/- .008" +/- 0.2 mm	12' - 60' 3.7 m - 18.5 m
SAW SYSTEMS		TigerSaw™ 1000	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3 mm	8' - 60' 2.4 m - 18.5 m
		TigerSaw™ 1000 Compact	90 lbs/41 kg Solid Tables 180 lbs/81 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced	+/- .015" +/- 0.4 mm	4' -30' 1.2 m - 9.1 m
		TigerSaw™ 2000	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3 mm	8'- 60' 2.4 m - 18.5 m
		TigerSaw™ 2000 Compact	90 lbs/41 kg Solid Tables 180 lbs/81 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced	+/- .015" +/- 0.4 mm	4' -30' 1.2 m - 9.1 m
		TigerSaw™ Ferrous	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .015" +/- 0.4 mm	8' - 60' 2.4 m - 18.5 m
		Automatic Cast Iron Pipe Cutter	150 lbs/68 kg Solid Tables 300 lbs/136 kg Roller Tables	120 / 240 Vac	32 mm Belt Steel Reinforced	+/- .031" +/- 0.78 mm	16' 4.9 m

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• Made in USA from domestic and foreign components.

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