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.

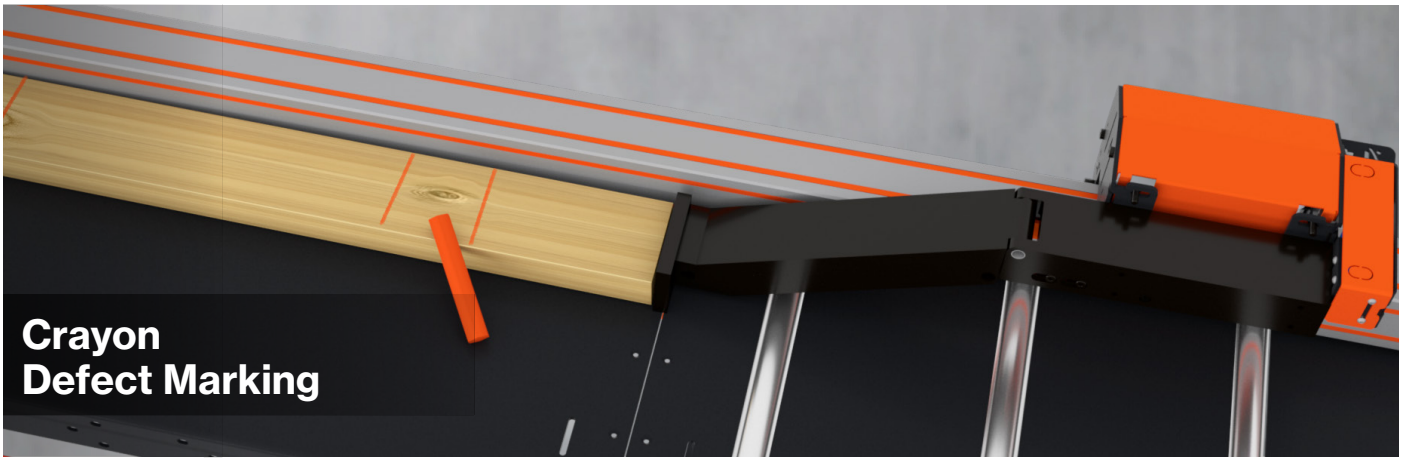
Process Pack/Bundles
Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw™ 1000's adjustable cutting envelope can accommodate pack sizes from 156mm x 156mm to 25mm x 400mm envelopes.

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 136kg using the NEW TigerStop Pro
- 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

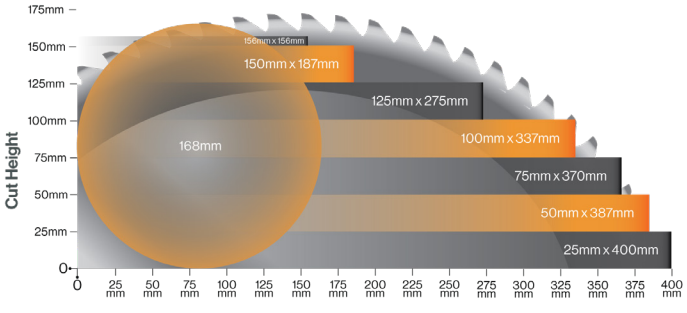
Build your very own by visiting:
https://www.tigerstop.com/eu/build-your-own/

Learn more: www.tigerstop.com/eu/



TigerSaw 1000 - Cutting Envelope

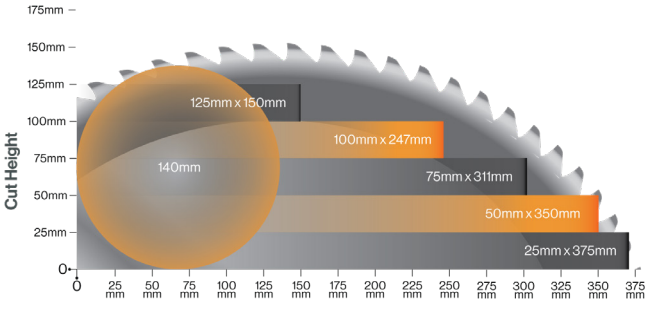
508mm Saw Blade



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

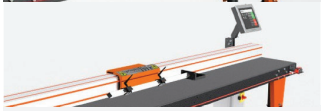
TigerSaw 1000 - Cutting Envelope

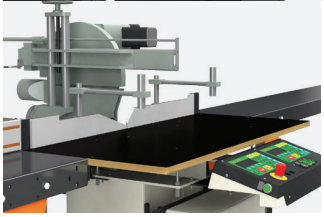
450mm Saw Blade



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

COMPARISON CHART

Core Products		Max Load Pusher	Drive Type	Power Requirement	Positional Accuracy	Working Length
	SawGear Touch	Stop Only	32mm Belt Steel Reinforced	240 Vac	+/- 0.2mm	2.4m - 6m
	TigerStop	40kg Solid Tables 80kg Roller Tables	32mm Belt Steel Reinforced	240 Vac	+/- 0.1mm	1.2m - 9.6m
	TigerStop Pro	70kg Solid Tables 140kg Roller Tables	32mm Belt Steel Reinforced	240 Vac	+/- 0.1mm	1.2m - 9.6m
	HeavyDuty	250kg Solid Tables 600kg Roller Tables	Rack and Pinion	240 Vac	+/- 0.2mm	2.4m - 24m

Saw Systems		Max Load Pusher	Cutting Envelope	Power Requirement	Type Pusher/Stop	Cutting Accuracy
	TigerSaw Ferrous	250kg Solid Tables 600kg Roller Tables	Round: 110mm Square: 95mm Rectangular: 130mm x 80mm Rectangular: 125mm x 90mm *Solid: 65mm	400 Vac	TigerStop HeavyDuty	+/- 0.4mm +/- 0.5mm
	TigerSaw 2000 Compact	40kg Solid Tables 80kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
	TigerSaw 1000 Compact	40kg Solid Tables 80kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
	TigerSaw 2000	250kg Solid Tables 600kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop HeavyDuty	+/- 0.3mm +/- 0.4mm
	TigerSaw 1000	250kg Solid Tables 600kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop HeavyDuty	+/- 0.3mm +/- 0.4mm
	TigerSaw 420	70kg Solid Tables 140kg Roller Tables	140mm x 100mm 20mm x 320mm	400 Vac	TigerStop Pro	+/- 0.3mm
	TigerAngle 3D	40kg Solid Tables 80kg Roller Tables	420mm at 90° 295mm at 45° (Available with automatically adjustable swivel and tilt angle.)	400 Vac	TigerStop HeavyDuty	+/- 0.3mm +/- 0.4mm

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