TigerSaw™ 2000

TigerSaw™ 2000 is the perfect fully automated optimizing push feed saw station for fast and accurate cutting of non-ferrous metals. 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 Non-Ferrous Metals

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™ 2000 is doing the math.

Unparalleled Cut Quality
When sawing, heat is generated at the teeth of the blade and then transmitted throughout the blade. Too much heat can damage the blade and yield poor cut quality. TigerSaw™ 2000 integrates a patented lube mist system that supplies lubrication right at the point of heat generation to lengthen the life of the blade and provide a better cut quality.

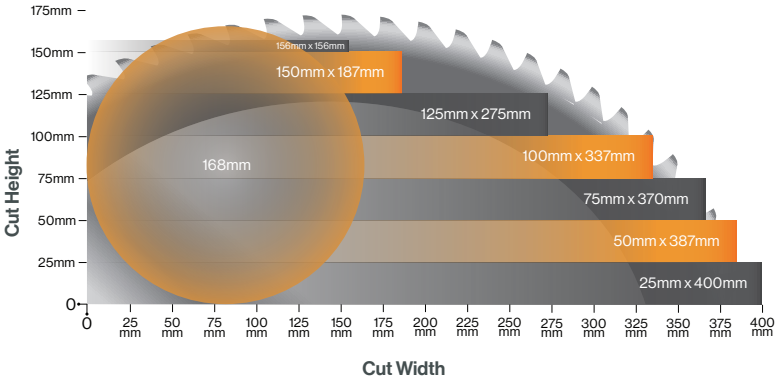
Process Pack/Bundles
Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw™ 2000's adjustable cutting envelope can accommodate pack sizes from 156mm x 156mm to 25mm x 400mm envelopes.

Features
- Industry leading Spray Mist Coolant System
- Adjustable cutting envelope
- Best in class material optimization with Dynamic Optimization
- VFD controlled blade speed
- TigerLink 6 or the NEW TigerLink 7 Cut List Downloading software
- Available with NEW TigerStop Pro Touch Screen Controls
- Automatic vertical pneumatic clamping

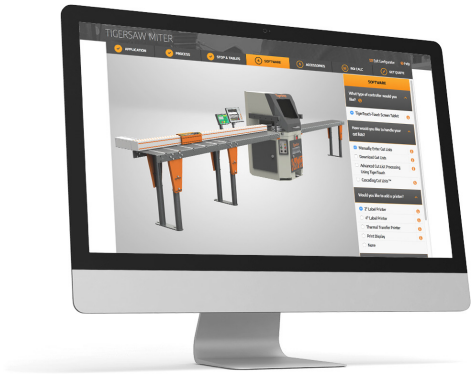
Options
- Pushing Capacities:
  - Push up to 136kg using the NEW TigerStop Pro
- Power options for TigerSaw™ 2000 are 208V, 230V, and 480V 3-phase
- Crayon Defect Marking
- Automatic horizontal pneumatic clamping
- Inkjet or label printing
- Pack/bundle capability using Dynamic Pack Optimization software

TigerSaw 2000 - Cutting Envelope

508mm Saw Blade



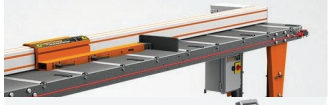
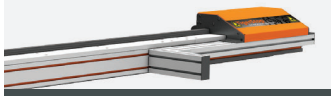
Note: The saw blade must be repositioned to reach each maximum cut.

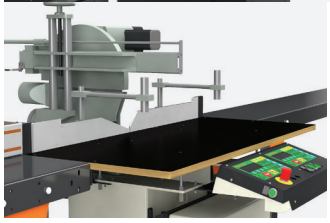


Build your very own by visiting:
https://www.tigerstop.com/eu/build-your-own/

Learn more: www.tigerstop.com/eu/

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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