TigerSaw™ Ferrous

Introducing TigerSaw™ Ferrous, the perfect feature-packed fully automatic optimizing and push feeding cold saw station for fast and accurate cutting of steel, stainless steel, cast iron, tube and pipe, all thread rod, unistrut, and other ferrous metals. TigerSaw™ Ferrous increases yield, accuracy, and productivity, offering uncompromising quality. It's the best kept secret of metal fabricators, job shops, and mechanical contractors around the globe.

TigerStop®

fast and accurate...every time

Fast and Accurate

Fully Automatic Saw System For Ferrous Metals

Fast Automatic Cold Saw Operation
TigerSaw™ Ferrous is a fully automatic cold saw system that allows you to cut steel, stainless, cast iron, unistrut, all-thread rod, and other ferrous materials quickly, accurately, and fully automatically. You only need a single operator to load and offload finished parts with custom part labels. Steel cutting is generally slow- but not with TigerSaw™ Ferrous. Your operator just needs to load and offload- so they can be freed up to do other value-add activities on the shop floor.

Safety First Focus
TigerSaw™ Ferrous' extensive guarding + fully enclosed saw blade offers industry leading operator safety and rigidity.

Turnkey System
You no longer need to purchase multiple pieces of machinery to get a fully automatic ferrous metal cutting solution- TigerSaw™ Ferrous is an all-in-one turnkey solution by TigerStop® with all of the software capabilities you need to be successful.

Data + Analytics Driven
All of the data and analytics you need are directly at the machine with TigerSaw™ Ferrous' extensive reporting capabilities. Easily pull machine efficiency reports including uptime, yield and waste statistics, and more.

3rd Party Software Integrations
TigerSaw™ Ferrous works with world class 3rd party BIM software solutions. Connect model to machine and enhance your prefabrication capabilities with this incredible sawing system.

Features and Specifications

- Extensive Guarding + Fully Enclosed Saw Blade
- Industry Leading Flood Coolant System
- Cutting Capacity:
  - Round Tube: 110mm
  - Square Tube: 95mm
  - Rectangular Tube: 130mm x 80mm or 125mm x 90mm
  - Solids: 65mm
- Compatible with 350mm saw blades
- Pushing Capacity:
  - Push up to 136kg using the TigerStop Pro™.
- 440V 2,2kw (3 HP) Motor
- Installation + Training Included
- Blade Sharpening Services
- Dynamic Optimization Software

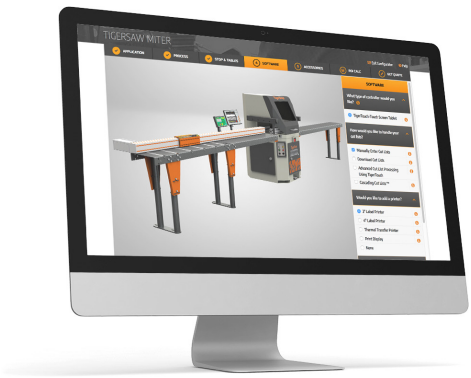
Upgrade Options

- Dynamic Pack Optimization Software
- TigerLink 7 Cut List Downloading Software
- Label Printing
- Safety Light Curtain
- Cabinet Work Light
- TigerCare+ 2 Year Extended Warranty

TigerSaw Ferrous - Cutting Envelope

Profile	Max Width	Max Height
Round Tube	110 mm	
Square Tube	95 mm	
Rectangular Tube	130 mm	80 mm
Rectangular Tube	125 mm	90 mm
*Solid	65 mm	

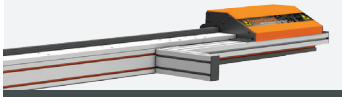
*Note: TigerSaw Ferrous is capable of intermittently cutting solid profiles larger than 65mm, but it is not recommended in a production setting because it will greatly diminish blade life.

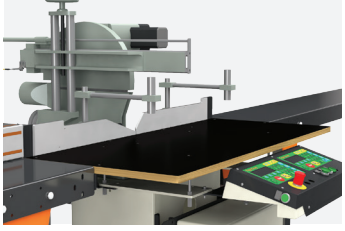


Build your very own by visiting:
www.tigerstop.com/eu/build-your-own/

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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