

TigerSaw™ 420

The TigerSaw™ 420 is a fully automatic upcut saw system that offers affordable precision for wood & non-ferrous metal processing. This feature-packed saw system is a powerful, dependable, and more accessible saw solution— built to deliver the accuracy and performance you expect from TigerStop, now at a new value point.



TigerStop®
fast and accurate...every time

TigerSaw 420

Affordable Precision for Wood & Non-Ferrous Metal

Turnkey Saw System Solution

This fully automatic turnkey solution offers accuracy, reliability, and flexibility- at a price you can justify. TigerSaw 420 slices through both wood and non-ferrous metal like aluminum, brass, and copper with ease. Versatile dual-material cutting gives you flexibility to process a variety of materials with an accuracy of +/- .3mm. TigerSaw 420 comes standard with a state-of-the-art TigerStop Pro push feeder and cutting edge software you need for success in your business.

Affordable Without Cutting Corners

We've optimized design to reduce cost, not quality. TigerSaw 420 is engineered with the same attention to detail that defines TigerStop's high-end machines. With TigerSaw 420 you will get precision, not compromise.

Data + Analytics Driven

At TigerStop we utilize data to make informed decisions- now your shop has all of the analytics needed at its fingertips. TigerSaw 420 is feature-packed with robust reporting software. With its easy-to-use touch screen controls you now have access to real-time insights on machine efficiency, uptime, yield, waste statistics, and simulation reporting. TigerSaw 420 is optimized for success.

Top Tier Safety Standards

Whether you're building a new shop or expanding your capabilities, TigerSaw 420 gives you a dependable, cost-effective path to safe automated cutting. With its fully enclosed guarding you have peace of mind. TigerSaw 420 prioritizes operator safety with its built in protective kill line. If you need even more robust safety features, TigerSaw 420 has you covered with its safety light curtain.

Features and Specifications:

- Extensive saw system guarding
- Compatible with 420mm saw blades
- Adjustable back fence
- Adjustable saw blade feeding speed
- Spray saw blade lubrication system for non-ferrous metals
- Automatic pneumatic vertical and horizontal adjustable clamps
- 400V 2,2kw (3 HP) Motor
- 2900 RPM
- Air gun
- Cabinet Work Light
- TigerStop Pro touch screen control
- Cutting Accuracy of +/- 0.3mm
- Pushing Capacity of 140kg with roller tables
- Simulation + Statistics Reporting

Upgrade Options

- Dynamic Optimization™ Software
- TigerLink 7 Cut List Downloading Software
- Label Printing
- Barcode Scanning Lists
- TigerMeasure
- Safety Light Curtain
- Integration with 3rd Party Software
- Dynamic Pack™ Optimization Software
- TigerCare+ 2 Year Extended Warranty



Build your very own by visiting:

www.tigerstop.com/eu/build-your-own/



TIGERSTOP PRO SOFTWARE

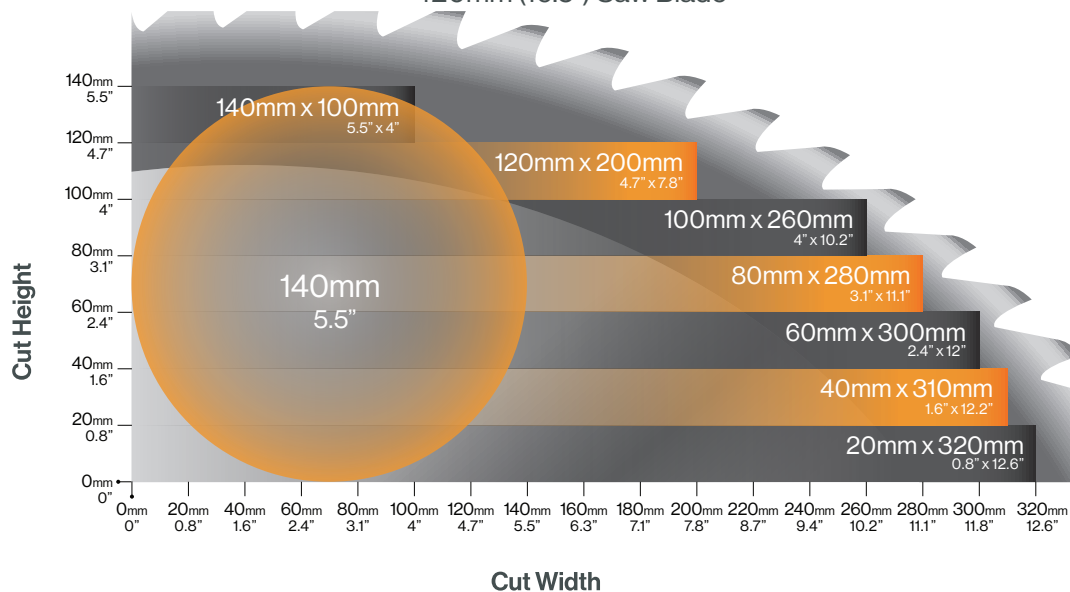


FULLY AUTOMATIC TURNKEY UPCUT SAW SYSTEM



TigerSaw 420 - Cutting Envelope

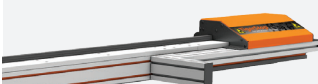
420mm (16.5") Saw Blade

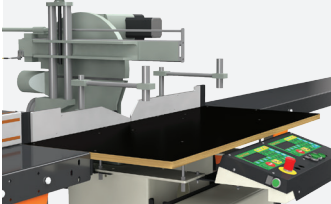


*Note: The back fence must be repositioned to reach each maximum cut

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
	250kg Solid Tables 600kg Roller Tables	Round: 110mm Square: 95mm Rectangular: 130mm x 80mm Rectangular: 125mm x 90mm *Solid: 65mm	400 Vac	TigerStop	+/- 0.4mm
				HeavyDuty	+/- 0.5mm
	40kg Solid Tables 80kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
	40kg Solid Tables 80kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
	250kg Solid Tables 600kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
				HeavyDuty	+/- 0.4mm
	250kg Solid Tables 600kg Roller Tables	150mm x 150mm 25mm x 400mm	400 Vac	TigerStop	+/- 0.3mm
				HeavyDuty	+/- 0.4mm
	70kg Solid Tables 140kg Roller Tables	140mm x 100mm 20mm x 320mm	400 Vac	TigerStop Pro	+/- 0.3mm
	40kg Solid Tables 80kg Roller Tables	420mm at 90° 295mm at 45° (Available with automatically adjustable swivel and tilt angle.)	400 Vac	TigerStop	+/- 0.3mm
				HeavyDuty	+/- 0.4mm

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National Institute of Standards and Technology Certified.