TigerSaw MiterXL

TigerSaw Miter XL™ is a fully automatic push-feed upcut saw system for cutting miter angles on aluminum, copper, fiberglass, wood, plastics, and more.

TigerStop®

fast and accurate...every time

Fast and Accurate

Fully Automated Saw System For Cutting Miters

Increase Accuracy
Quickly and accurately cut miters to a tolerance of +/- .1° with TigerSaw Miter XL. Forget manually measuring, marking material, and positioning a miter saw. TigerSaw Miter XL accurately push feeds material and cuts parts to the desired length every time.

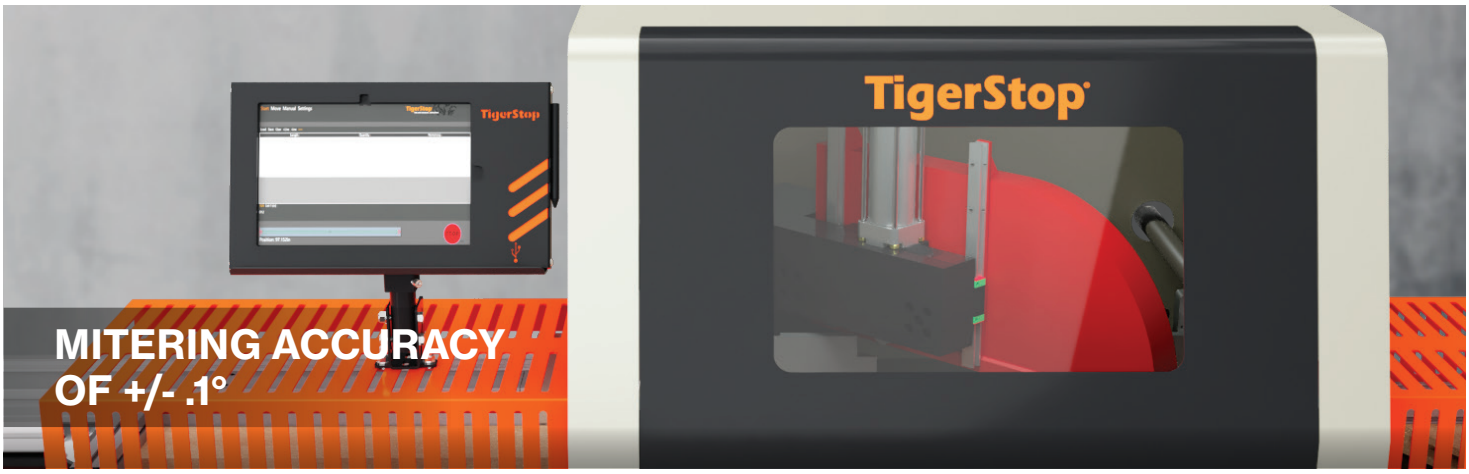
Reduce Scrap
Raw material costs are extremely high. Operators can't afford to scrap perfectly good material due to inaccuracies and human error. TigerSaw Miter XL eliminates scrap waste with its fast and accurate positioning and adds dollars back onto your bottom line.

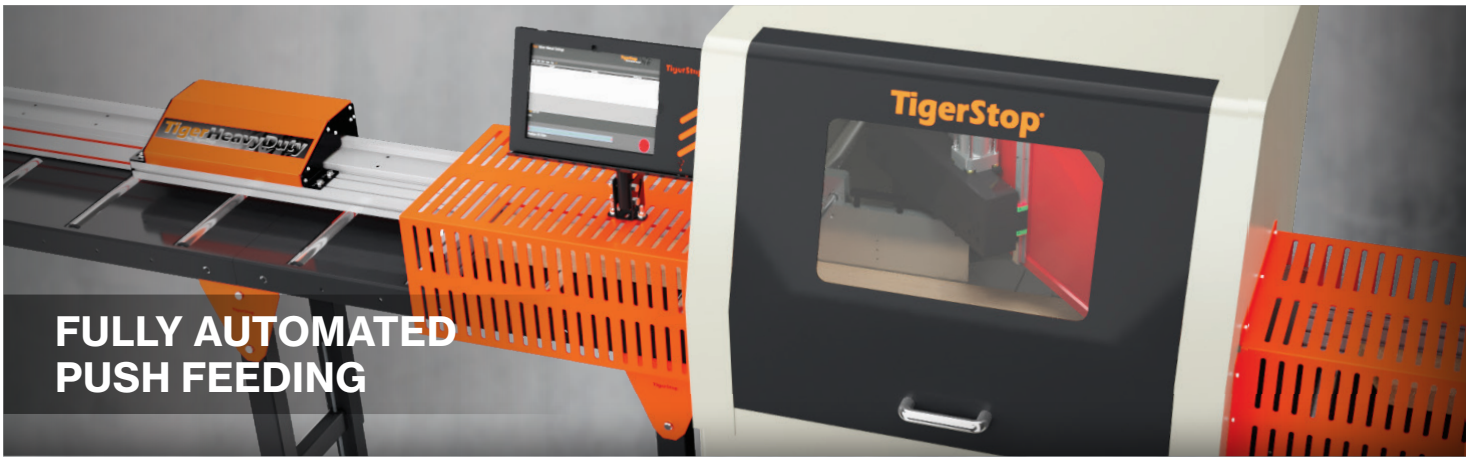
Self-Adjusting Front Fence
The front fence ensures material stays flush against the back fence as it is being fed out of the saw. It automatically moves out of the way of the saw blade so there is never any risk of collision.

Reduce Labor
Many operators will cut all of their straight lengths to size and then re-handle the same material to cut miter angles. Not anymore.

Features

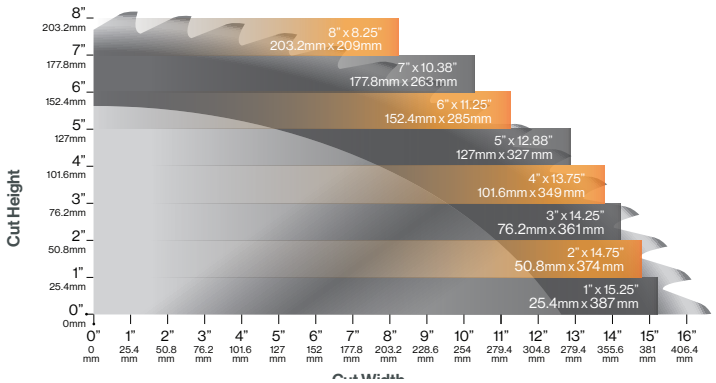
- Mitering accuracy of +/- .1°
- TigerLink 6 Cut List Downloading Software
- TigerTouch cut list management and optimizing software with touch screen control
- Turn speed of 3 seconds when moving from -45° to 45°
- Self-adjusting front fence
- Unist brand lubrication system available for processing non-ferrous material
- Label printing
- Great for cutting non-ferrous, wood, and plastic material
- Dual dust extraction in both the blade compartment and the top cap
- 610mm saw blade
- 230V 3-phase power
- Dynamic Optimization software reduces waste and increases productivity
- Efficiency Package includes complete reporting of material yields and run-time efficiencies
- Simulation software allows customers to determine accurate job costing ahead of time





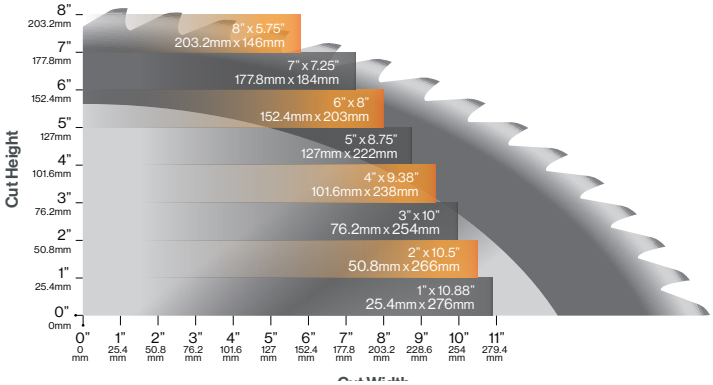
TigerSaw MiterXL - Cutting Envelope @ 90°

610mm Saw Blade



TigerSaw MiterXL - Cutting Envelope @ 45°

610mm Saw Blade



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www.configurator.tigerstop.com

Learn more: www.tigerstop.com

COMPARISON CHART

	Product		Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
CORE		TigerSPC	Caliper	2 AA Battery	N/A	+/- .008” +/- 0.2mm	0’ - 20’ 0m - 6m
		SawGear	Stop Only	110 Vac	32mm Belt Steel Reinforced	+/- .008” +/- 0.2mm	8’ - 20’ 2.4m - 6m
		SawGear Touch	Stop Only	110 Vac	32mm Belt Steel Reinforced	+/- .008” +/- 0.2mm	8’ - 20’ 2.4m - 6m
		TigerStop	90lbs/41kg Solid Tables 180lbs/81kg Roller Tables	110 / 240 Vac	32mm Belt Steel Reinforced	+/- .004” +/- 0.1mm	4’ -30’ 1.2m - 9.1m
		TigerStop Pro	150lbs/68kg Solid Tables 300lbs/136kg Roller Tables	120 / 240 Vac	32mm Belt Steel Reinforced	+/- .004” +/- 0.1mm	4’ -30’ 1.2m - 9.1m
		TigerFence	Stop Only	110 / 240 Vac	3/4” Hi-Lead Screw	+/- .003” +/- 0.08mm	51” or 70” 1.29m - 1.77m
		TigerRack	300lbs/136kg Solid Tables 720lbs/327kg Roller Tables	240 Vac	Rack & Pinion	+/- .008” +/- 0.2mm	12’ - 108’ 3.7m - 32.9m
		TigerTurbo	350lbs/159kg Solid Tables 840lbs/381kg Roller Tables	240 Vac	75mm Belt Steel Reinforced	+/- .008” +/- 0.2mm	12’ - 42’ 3.7m - 12.8m
		HeavyDuty 2	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	240 Vac	Rack & Pinion	+/- .008” +/- 0.2mm	12’ - 108’ 3.7m - 32.9m
SAW SYSTEMS		TigerSaw Ferrous	490lbs/222kg Solid Tables 840lbs/381kg Roller Tables	208 / 480 Vac	32 or 75mm Belt Steel Reinforced	+/- .015” +/- 0.4mm	8’ - 42’ 2.4m - 12.8m
		TigerSaw 2000 Compact	90lbs/41kg Solid Tables 180lbs/81kg Roller Tables	208 / 480 Vac	32mm Belt Steel Reinforced	+/- .015” +/- 0.4mm	4’ -30’ 1.2m - 9.1m
		TigerSaw 1000 Compact	90lbs/41kg Solid Tables 180lbs/81kg Roller Tables	208 / 480 Vac	32mm Belt Steel Reinforced	+/- .015” +/- 0.4mm	4’ -30’ 1.2m - 9.1m
		TigerSaw 2000	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	208 / 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- .012” +/- 0.3mm	8’- 108’ 2.4m - 32.9m
		TigerSaw 1000	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	208 / 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- .012” +/- 0.3mm	8’ - 108’ 2.4m - 32.9m
		TigerSaw MiterXL	490lbs/222kg Solid Tables 2100lbs/952kg Roller Tables	400 - 480 Vac	32 or 75mm Belt Steel Reinforced or Rack & Pinion	+/- 0.1° +/- .012”	8’ - 108’ 2.4m - 32.9m

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• Made in USA from domestic and foreign components.

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