

# 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 +/- 0.1° 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

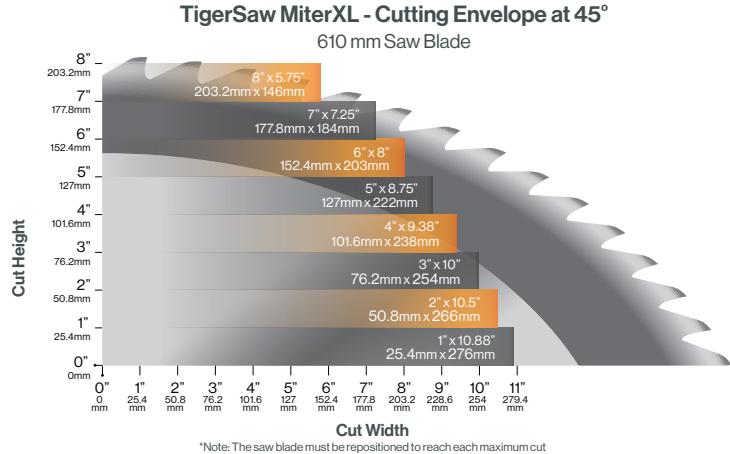
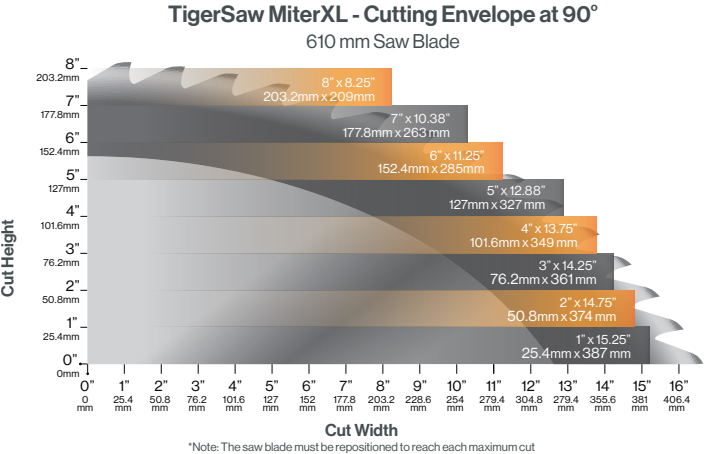
The front fence ensures material stays flush against the back fence as it is being fed out of the saw. It automatically moves out of the way of the saw blade so there is never any risk of collision.

### 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 +/- 0.1°
- 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
- 7.5 kW (10 HP)



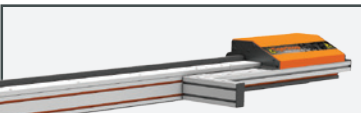


Build your very own by visiting:  
[www.configurator.tigerstop.com](http://www.configurator.tigerstop.com)



# TigerStop Product

## Comparison chart

Stop and push systems		Max Load Push	Drive Type	Accuracy	Working Length
	SawGear	Stop Only	32mm Belt Steel Reinforced	+/- 0,2 mm	2,4 m - 6 meter
	TigerStop	80 kg	32mm Belt Steel Reinforced	+/- 0,1 mm	2 m - 9,2 meter
	HeavyDuty	600 kg	Rack and pinion	+/- 0,2 mm	2,4 m - 24 meter

Saw system		Cutting envelope	Type pusher/stop	Load Push and Working Length	Drive Type	Accuracy
	TigerSaw1000 (wood and plastics)	150 mm x 150 mm 25 mm x 400 mm	TigerStop	80 kg - 9,2 meter	32mm Belt Steel Reinforced	+/- 0,2 mm
			HeavyDuty	600 kg - 24 meter	Rack and pinion	+/- 0,3 mm
	TigerSaw2000 (metal)	150 mm x 150 mm 25 mm x 400 mm	TigerStop	80 kg - 9,2 meter	32mm Belt Steel Reinforced	+/- 0,2 mm
			HeavyDuty	600 kg - 24 meter	Rack and pinion	+/- 0,3 mm
	TigerAngle200 (wood, plastics and metal)	420 mm at 90° 295 mm at 45°  (Available with automatically adjustable swivel and tilt angle.)	TigerStop	80 kg - 9,2 meter	32mm Belt Steel Reinforced	+/- 0,1 mm +/- 0,1° (Miter Accuracy)
			HeavyDuty	600 kg - 24 meter	Rack and pinion	
	TigerSaw Miter (non-ferrous, wood, and plastic material)	MiterXL: 387 mm at 90° 276mm mm at 45°	TigerStop	80 kg - 9,2 meter	32mm Belt Steel Reinforced	+/- 0,1 mm +/- 0,1° (Miter Accuracy)
			HeavyDuty	600 kg - 24 meter	Rack and pinion	



National Institute of Standards and Technology Certified.

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