

TigerStop®

fast and accurate...every time



Wood
August 2016 Mk1

TigerSaw 1000™

Fast, accurate crosscutting saw system featuring Dynamic Optimization for on-the-fly defecting and optimization.



TigerSaw 1000™ Made in USA*

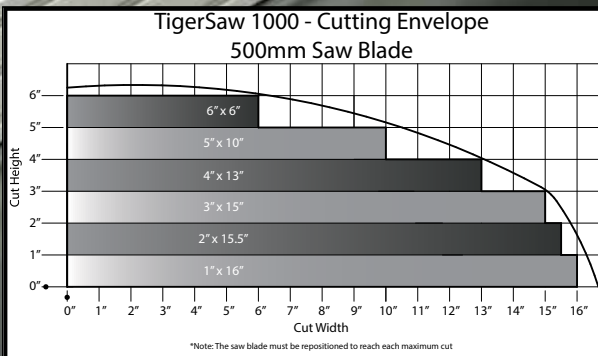
Automated defecting and optimizing saw station

Unparalleled Cut Quality

TigerSaw 1000™ is the perfect automated saw station for cutting faster and more accurately than manual methods. It increases yield, accuracy and productivity at the best value point in the industry.

It comes with an adjustable cutting envelope so you can set the system for the material you cut, whether pack or single piece. TigerSaw 1000 can handle large pack loads up to 2100 lbs. using the HeavyDuty 2 pusher.

Dynamic Optimization software gives you the best yield from your cut list by determining the optimal cutting order of material, and when combined with Crayon Defect Marking, can defect material for even greater savings.



TigerSaw™ Cutting Envelope

Mix and Match Clamping

TigerSaw 1000 offers 3 clamping styles that can be used separately or together to deliver the exact clamping solution you need.

5 Piece Door Panel Optimization

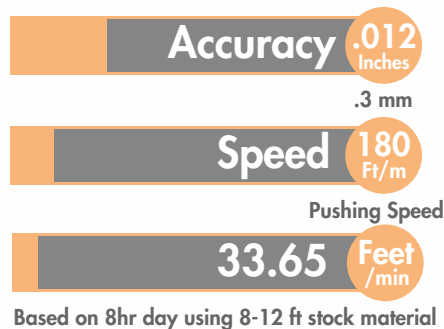
Processing random width lumber for seamless panel glue-up is difficult and time consuming. Using TigerSaw 1000's Dynamic Optimization you can process panel lists optimized for width.

Software to Increase Productivity

A high volume machine needs high volume software solutions. TigerSaw 1000 connects to almost any design software to quickly load your parts lists. Then print custom information right on each part for easy identification. Don't feel like going back to your desk to load parts lists? Use the TigerTouch™ touch screen interface and take full command.

Crayon Defect Marking

Many shops buy higher quality material to avoid defecting because defecting is hard – TigerSaw 1000 makes it easy. Operators use UV crayons to mark defects in the material. TigerSaw 1000 will cut around those defects and optimize the clear material while cutting parts. When defecting and optimizing, shops can downgrade to cheaper lumber and defect themselves, saving a lot of money on material.



TigerSaw 1000™ Specifications

Repeatable Accuracy
.012 in (.3 mm)

Accuracy Validation
NIST Certified

Power Requirement
208/240/460/480 Vac

Drive Type
32 mm Steel Reinforced Belt
75 mm Steel Reinforced Belt
Rack & Pinion

Working Lengths
4 - 108 Feet
(1.2 - 32.9 Meters)

Motor Type
DC Servo w/ optical encoder
AC Servo w/ optical encoder
10 HP AC Motor (Saw)

Pushing Capacity
490 lbs (40.8 Kg) w/o rollers
2100 lbs (952 Kg) w/ rollers

Warranty
1 Year Bumper to Bumper

Specification Chart

TigerStop Saw Systems

TigerStop[®]

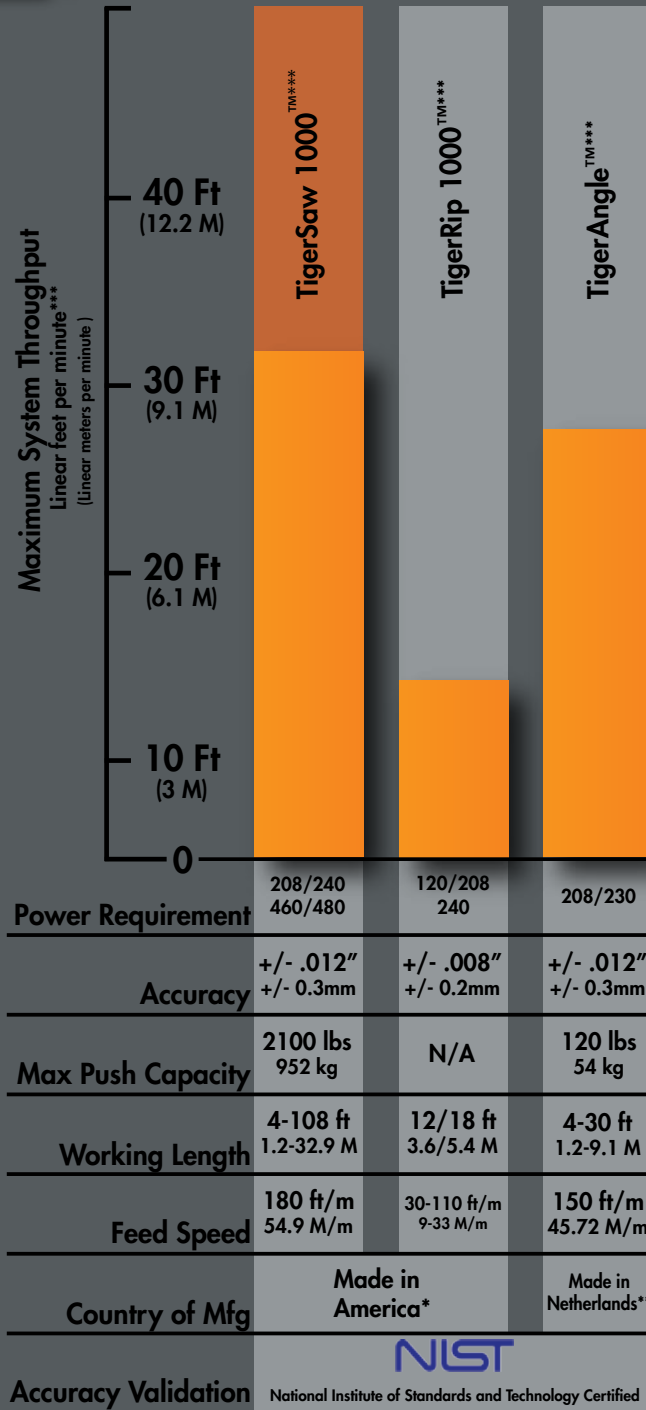
fast and accurate...every time



* Made in USA from domestic and foreign components.

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*** Output can vary. Contact TigerStop for a system throughput analysis.



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