

# TigerStop®

fast and accurate...every time



Metal  
October 2015 Mk1

## TigerSaw 2000™

Fast, accurate crosscutting saw system featuring Dynamic Optimization for on-the-fly nesting of non ferrous materials.



# TigerSaw2000™ Made in USA\*

Automated Saw System

## Unparalleled Cut Quality

TigerSaw 2000 is the perfect automated saw station for cutting all types of non-ferrous metals fast and accurately.

With multiple configurations, TigerSaw 2000 can be configured to push up to 2100 lbs (952 kg). Improved pneumatic clamping options prevent damage to fragile or sensitive materials.

We take cut quality seriously. That's why TigerSaw 2000 has an air over oil saw stroke cylinder and an industry leading lubrication system that follows the blade to

## Mix and Match Clamping

TigerSaw 2000 offers 3 clamping styles that can be used separately or together to deliver the exact clamping solution you need.

## Accuracy at any Weight

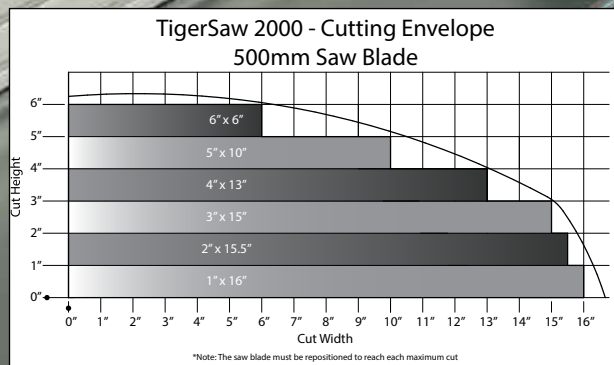
TigerSaw 2000 can be configured with a TigerStop, TigerTurbo or a HeavyDuty 2. Choose to outfit TigerSaw with pushing capacity of up to 2100 lbs (952 kg) or set it up for speed with a maximum pushing speed of 250 ft/min.

## Adjustable Cutting Envelope

TigerSaw 2000 features an unique adjustable cutting envelope which increases the range of material profiles you can cut. It comes with saw blades from 350 mm to 500 mm, with adjustable ranges from 5 x 6 inch to 1 x 15 in on a 450 mm blade and 6 inch x 6 inch to 1 inch 16 inch on a 500 mm blade.

## Software to Increase Productivity

A high volume machine needs high volume software solutions. TigerSaw 2000 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.



TigerSaw™ Cutting Envelope

**Accuracy** .012  
Inches

.3 mm

**Speed** 250  
Ft/m

Pushing Speed

**9,000 - 12,000** Feet  
/shift

Based on 8hr day using 8-12 ft stock material

### TigerSaw 2000™ 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®

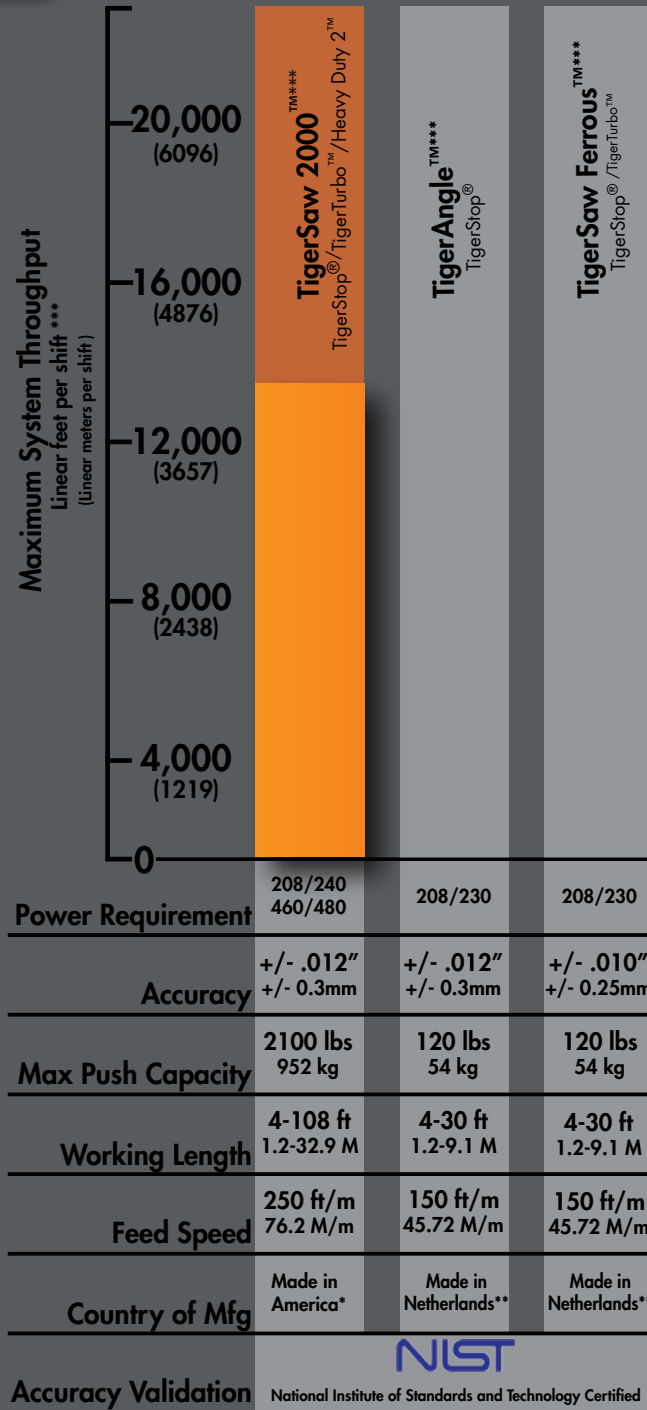
fast and accurate...every time



\* 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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