

**TigerStop®**  
fast and accurate...every time

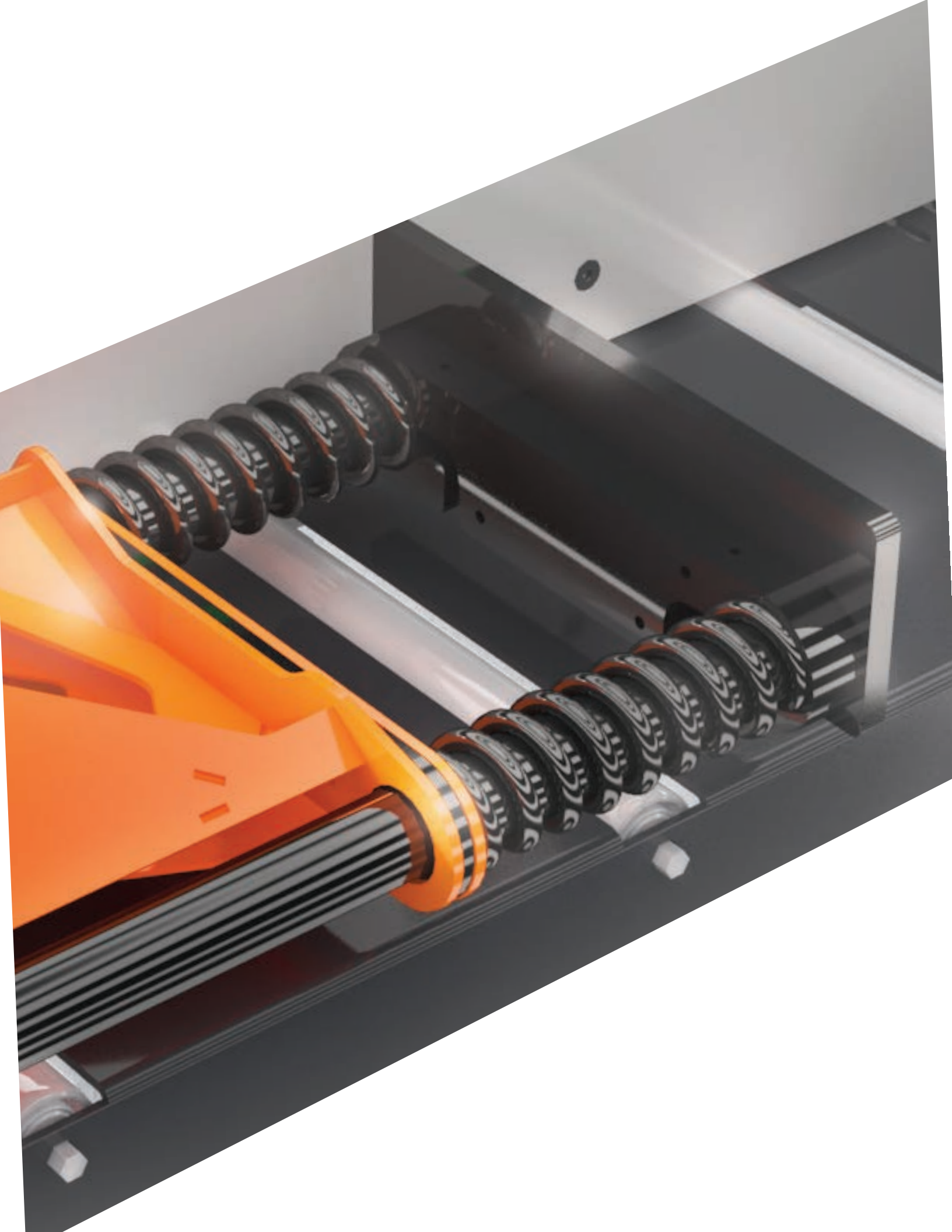


**John G. Weber Co., Inc.**

NEW & USED SALES, SERVICE, INSTALLATION AND TRAINING IN WOODWORKING MACHINERY

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# Mission Statement

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## AT TIGERSTOP WE BELIEVE THAT HOPE IS A JOB

A job gives people purpose. It gives people dignity and a reason to wake up in the morning. It gives people meaning.

Jobs allow people to afford basic necessities, and most importantly an education.

A job means income and the ability to support oneself and one's family, which breeds pride and a sense of hope for the future.

TigerStop believes in growing and protecting manufacturing jobs globally. Because a thriving manufacturing sector builds thriving communities.

*Why manufacturing?* Because each manufacturing job creates 3 to 5 local jobs. This manufacturing phenomenon is called "Manufacturing's Multiplier Effect".

***"Because manufacturing has so many substantial links with so many other sectors throughout the economy, its output stimulates more economic activity across society than any other sector..." -  
Industry Week***

That is why our mission is to help manufacturers sustain jobs in their local communities, which in turn allows them to compete in a global marketplace.

In addition to creating manufacturing jobs, TigerStop believes in sustainability. By sustainability we mean producing what we consume where we consume it. This is good for local economies and the environment we all share.

TigerStop believes in a level playing field for all manufacturers and their communities. We believe that all people should have the opportunity for meaningful work and a meaningful life.

TigerStop was founded in a garage in 1994 by an ambitious husband and wife duo who wanted to help manufacturers like themselves reduce waste, measure material more accurately, and ultimately produce higher quality goods more efficiently.

TigerStop has since become a global leader in automated stop/gauge and pusher systems under the TigerStop and SawGear brand names. Headquartered in Washington State, TigerStop is a U.S. manufacturer with a second manufacturing and distribution facility in Europe, a distribution network spanning six continents, and product support in five languages.

Over 40,000 TigerStop brand machines and counting automate cutting, boring, punching, and machining of wood, metal, plastic, and composites in an array of industries across the globe. At TigerStop we are: Fast and accurate...every time®



# TigerSPC

TigerSPC is a statistical process control caliper set designed to make quality control measurements up to 20 feet long.



**TigerStop<sup>®</sup>**  
fast and accurate...every time



# Fast and Accurate Statistical Process Control Calipers

TigerSPC can be equipped with a selection of both standard and custom attachments allowing it to be specifically configured for your set of critical quality control measurements.

## Attachments

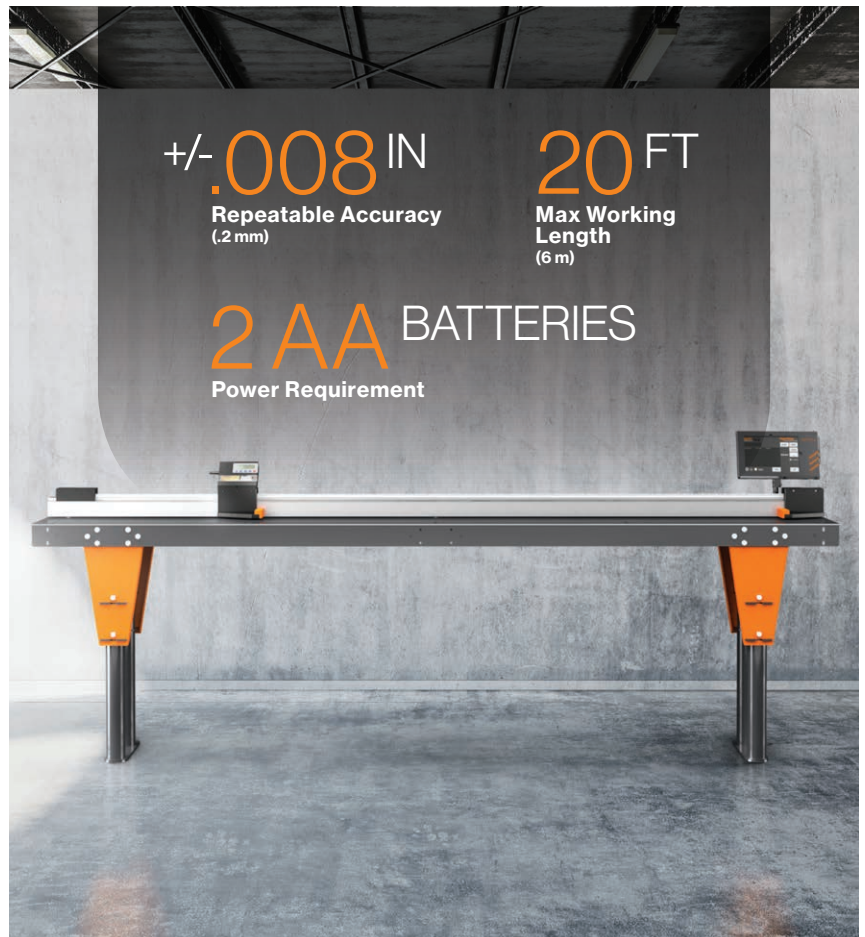
With a variety of snap in jaws, including Miter Jaws, Mullion/Muntin Half Lap Jaws, and the Swivel Block Attachment, you can change from holes to miters to overall measurements in seconds without losing calibration. All TigerSPC jaws and appliances are machined to ensure the same zero point, so no recalibrating for different setups is required.

## Upgrading TigerSPC

The system comes ready to upgrade with a LAN transceiver that can send data to statistical process control applications.

## Features

- Equipped with high precision jaws that can be interchanged without the need for calibration.
- Measures in fractional inches, decimal inches, and metric.
- Working lengths from 0- 20 feet.
- Anodized aluminum 6061-T6 construction.



## CONFIGURE A TIGERSPC IN 3 EASY STEPS.



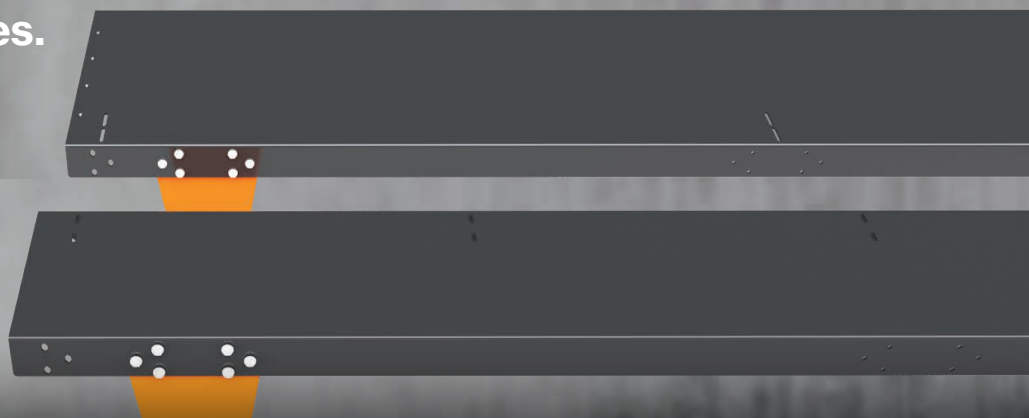
Build your very own by visiting:  
[www.configurator.tigerstop.com](http://www.configurator.tigerstop.com)





## Choose Your Tables.

- 14.4" (365 mm)
- 24" (610 mm)



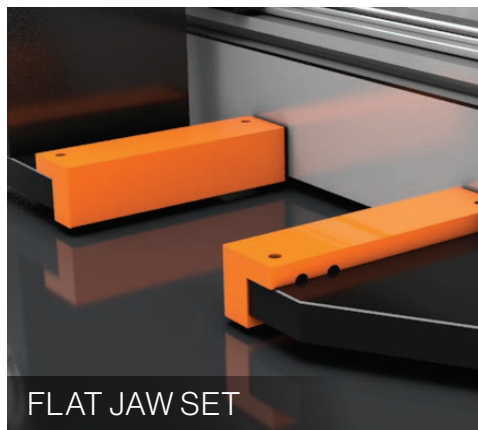
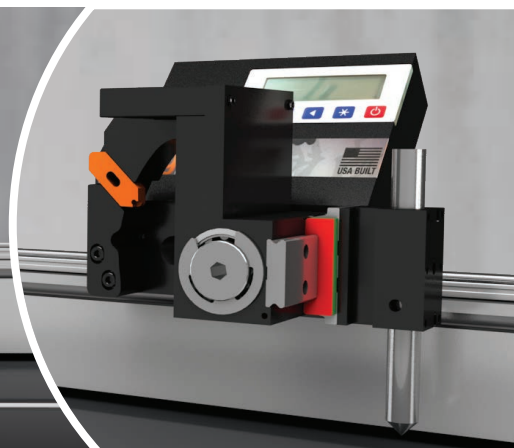
## Choose Your Software.

Every TigerSPC comes with a standard controller that is ready to upgrade with a LAN transceiver that can send data to statistical process control applications if so desired.



## Swivel Block Attachment

The swivel block attachment measures from hole center to hole center. It also swivels and allows you to attach other jaw accessories without losing your reference point.



FLAT JAW SET



HALF LAP JAW SET



MITER JAW SET

Learn more: [www.tigerstop.com](http://www.tigerstop.com)

# TigerFence

TigerFence brings speed, precision, and productivity to your table saw. It adds automation that can be controlled from one side of the fence, and has a repeatable accuracy of +/- .003 inches (.07mm).



**TigerStop®**  
fast and accurate...every time





# Fast and Accurate

## Fully Automated Rip Fence For Your Table Saw

Walking around your sliding table saw to adjust a manual fence may seem like a small inconvenience, but over the lifetime of the saw, it adds up to serious wasted time and money.

### No More Set Up Time

TigerFence moves to the desired dimension at the press of a button. No more walking to adjust a manual fence, measuring and marking material, and wasting precious labor hours.

### Adaptable

If you need more production, don't buy a new saw. Turbocharge your existing table saw with TigerFence! TigerFence can easily attach to almost any table saw.

### Easy to Train

An unskilled operator can be trained to use TigerFence to accurately position material in less than 10 minutes.

### Fast and Accurate...Every Time

TigerFence is designed with precision linear bearings, ensuring a rigid and dead accurate position every time. TigerFence has a repeatable accuracy of +/- .003 inches (.07mm) so today's parts will be the same size as tomorrow's parts.

### Two Sizes

TigerFence comes in a standard size with a working length of 51" and an overall length of 62". TigerFence Extra comes in a working length of 70" and an overall length of 82".

### Features and Upgrades

- Jog Mode
- Safe zone alert when fence is close to the blade
- Calculator Mode
- Preset Function
- Metric, Decimal and Fractional Inches
- Part List Interface
- Includes standard controller that can be upgraded to a TigerTouch controller
- Upgrade to Dynamic Optimization™ software
- Upgrade to TigerLink 6 Cut List Downloading Software







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



Learn more: [www.tigerstop.com](http://www.tigerstop.com)

# SawGear

SawGear is a simple and intuitive automated stop that easily attaches to your existing saw, drill, or punch. Free yourself from tape measures and manual fences. Produce more parts with increased accuracy today.



**TigerStop®**  
fast and accurate...every time





# Fast and Accurate Automation for Any Sized Shop

Add a SawGear on to your new or existing machine tool. Type in your desired measurement, place your material, and press start. Say goodbye to your tape measure. It's that simple.

## Zero Set Up Time

Do away with "measure twice, cut once". Eliminate tape measures, manual stop blocks, and clamps from your manufacturing process.

## 100% Accuracy

The parts you cut today will be as accurate as the parts you cut next week, next month, and next year.

## No More Rework

Quality control starts with SawGear by TigerStop.

## Increased Productivity

Keep your operators in the money making zone: cycling your saw, drill, or punch.

## Easy to Operate

An unskilled operator can be trained to use a SawGear to position material in under 10 minutes.

## Improved Yields

Raw material costs are rising. Using a SawGear maximizes yields and adds profits to your bottom line.



## CONFIGURE A SAWGEAR IN 3 EASY STEPS.



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



## Choose Your Tools.

SawGears can adapt to virtually any machine tool.



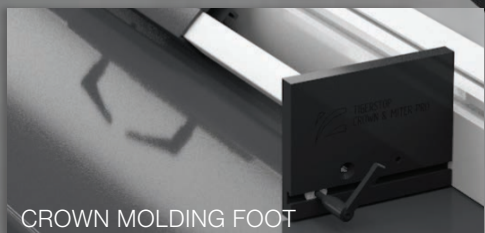
## Choose Your Tables:

- Portable Tables
- Solid
- Steel Roller
- Plastic Roller



## Choose Your Accessories.

SawGear can be configured with various pusher foot options and controller options.



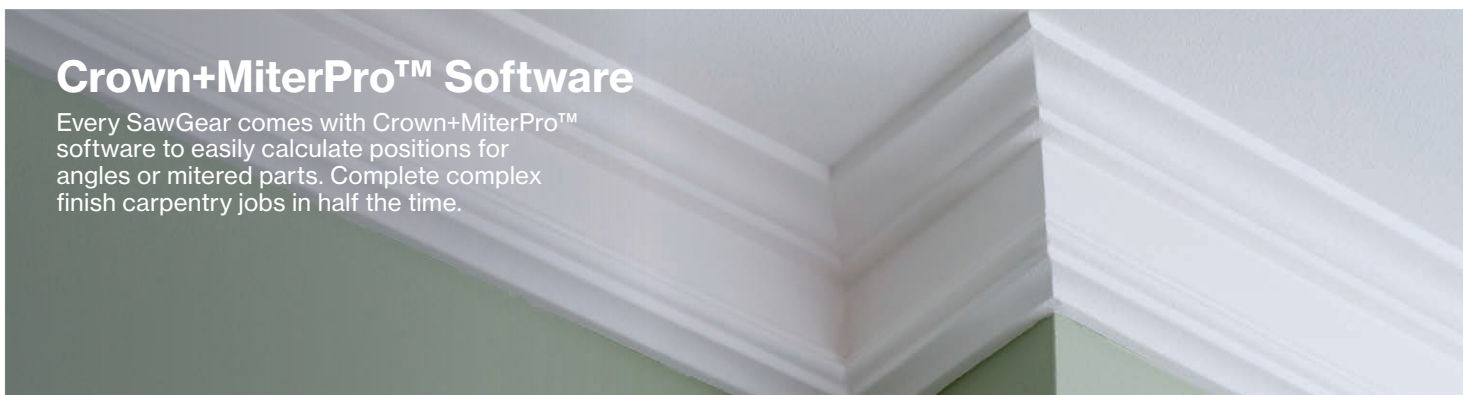
CROWN MOLDING FOOT



STANDARD PUSHER FOOT

## Crown+MiterPro™ Software

Every SawGear comes with Crown+MiterPro™ software to easily calculate positions for angles or mitered parts. Complete complex finish carpentry jobs in half the time.



Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# TigerStop

TigerStop® is an automated material pusher and stop that will turn your existing machine into a lean manufacturing asset. Take your operations to a whole new level with the product that started it all.



**TigerStop®**  
fast and accurate...every time



# Fast and Accurate Automation for Any Sized Shop

Add a TigerStop on to your new or existing machine tool. Type in your desired measurement, place your material, and press start. Say goodbye to your tape measure. It's that simple.

## Zero Set Up Time

Do away with "measure twice, cut once". Eliminate tape measures, manual stop blocks, and clamps from your manufacturing process.

## 100% Accuracy

The parts you cut today will be as accurate as the parts you cut next week, next month, and next year. Over 40,000 customers have trusted TigerStop's repeatability since 1994.

## No More Rework

Quality control starts with TigerStop.

## Increased Productivity

Keep your operators in the money making zone: cycling your saw, drill, or punch.

## Easy to Operate

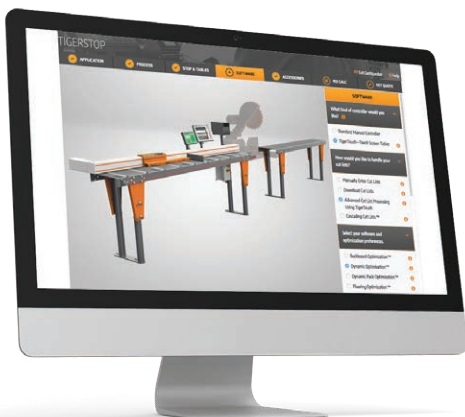
An unskilled operator can be trained to use a TigerStop to push, pull, and position material in under 10 minutes.

## Improved Yields

Raw material costs are rising. Using a TigerStop, especially one with Dynamic Optimization™ software, maximizes yields. That's profit added to your bottom line.



THERE ARE OVER **783,820,800** WAYS TO **CONFIGURE** A TIGERSTOP.  
BUT IT'S REALLY ONLY **4 STEPS**.

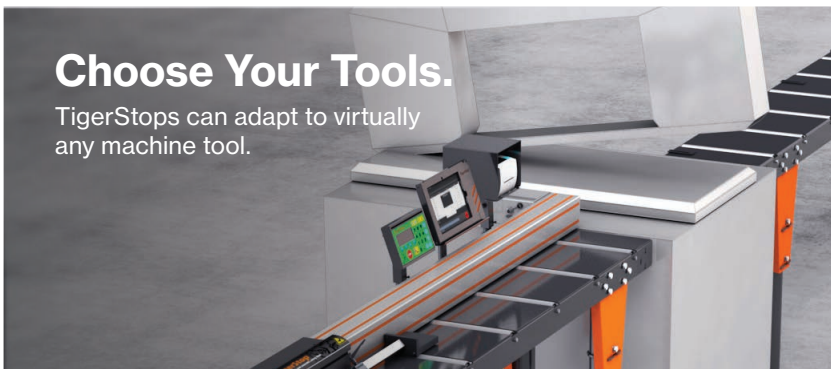


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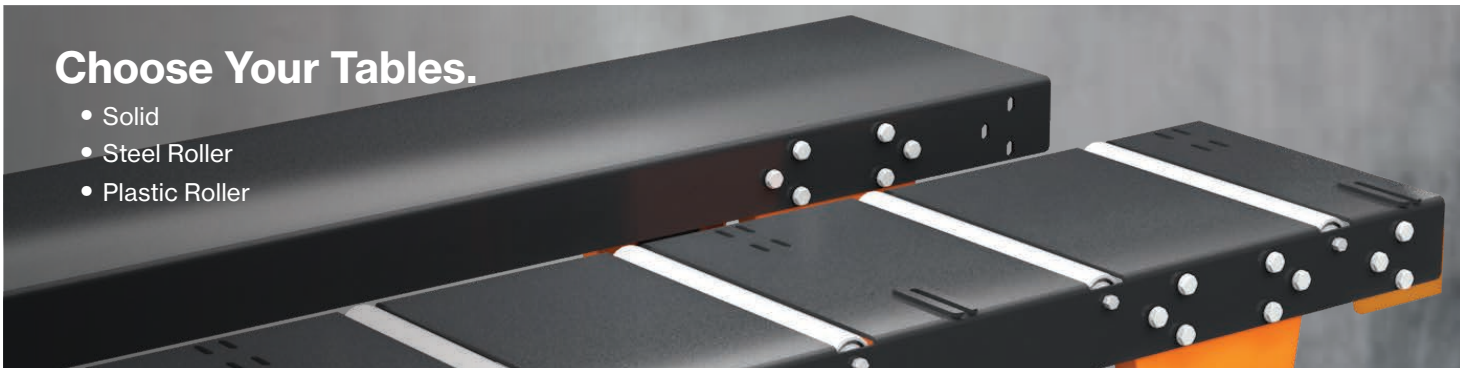
## Choose Your Tools.

TigerStops can adapt to virtually any machine tool.



## Choose Your Tables.

- Solid
- Steel Roller
- Plastic Roller



## Choose Your Software.

- Backboard Optimization™
- Dynamic Optimization™
- Dynamic Pack Optimization™
- Flooring Optimization™
- TigerSet
- TigerStopSDK Open Source Software Development Kit



## Choose Your Accessories.

- Label Printing
- Bar Code Scanning
- Table Accessories
- Various Pushers
- Standard Interconnect Kit
- Advanced Interconnect Kit

MINI GANGSTOP



GANGSTOP



MITER GAUGE



SPRING BUFFER

Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# TigerRack

TigerRack™ is an automated rack and pinion style stop for pushing, pulling, or positioning material up to 720 pounds.



**TigerStop®**  
fast and accurate...every time

# Fast and Accurate Automation for Any Sized Shop

Add a TigerRack on to your new or existing machine tool. Type in your desired measurement, place your material, and press start. Say goodbye to your tape measure. It's that simple.

## Zero Set Up Time

Do away with "measure twice, cut once". Eliminate tape measures, manual stop blocks, and clamps from your manufacturing process.

## Robust and Reliable

TigerRack offers precision, accuracy, and speed for your industrial positioning applications. TigerRack's precision rack and pinion drive system will keep your production humming. Designed for processing tube, bar stock, and heavier materials up to 720lbs.

## No More Rework

Quality control starts with TigerRack.

## Increased Productivity

Keep your operators in the money making zone: cycling your saw, drill, or punch.

## Easy to Operate

An unskilled operator can be trained to use a TigerRack to push, pull, and position material in under 10 minutes.

## Improved Yields

Raw material costs are rising. Using a TigerRack, especially one with Dynamic Optimization™ software, maximizes yields. That's profit added to your bottom line.



THERE ARE OVER **783,820,800** WAYS TO **CONFIGURE** A TIGERSTOP BRAND MACHINE.  
BUT IT'S REALLY ONLY **4 STEPS**.



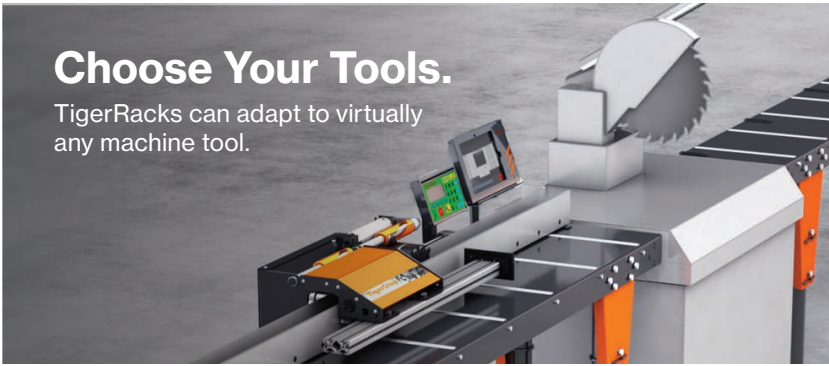
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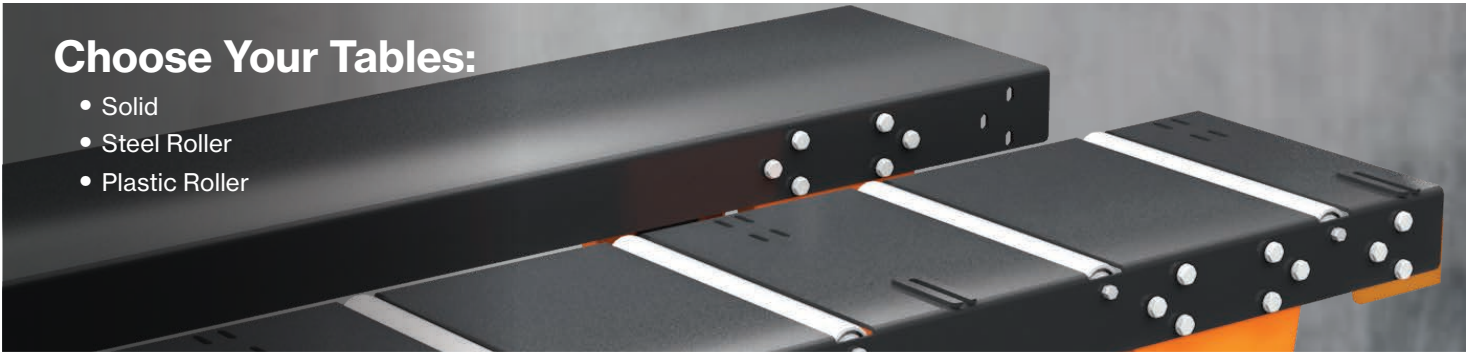
## Choose Your Tools.

TigerRacks can adapt to virtually any machine tool.



## Choose Your Tables:

- Solid
- Steel Roller
- Plastic Roller



## Choose Your Software.

- Backboard Optimization™
- Dynamic Optimization™
- Dynamic Pack Optimization™
- Flooring Optimization™
- TigerSet
- TigerSDK Open Source Software Development Kit
- TigerLink 6 Cut List Downloading software



## Choose Your Accessories.

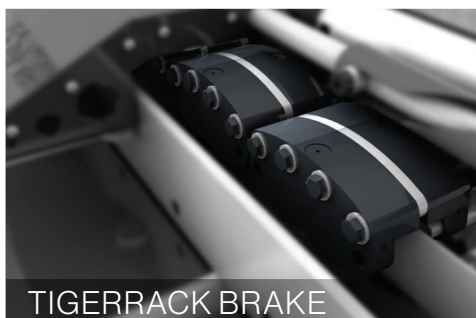
- Label Printing
- Bar Code Scanning
- Table Accessories
- Various Pushers

Every TigerRack comes with a Standard Interconnect Kit for a semi-automatic operation. Contact TigerStop to learn about going fully automatic with the Advanced Interconnect Kit.

STANDARD PUSHER



TUBE AND PIPE GRIPPER



TIGERRACK BRAKE



AUTO FLIP CARRIAGE

Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# TigerTurbo

TigerTurbo is a high speed automatic pusher for accurately positioning material. The steel reinforced belt enables TigerTurbo to push up to 840 lbs. and operate at up to 180 feet per minute.



**TigerStop®**  
fast and accurate...every time



# Fast and Accurate

## High Speed Automated Feeder for Positioning Material

Add a TigerTurbo on to your new or existing machinery, giving you repeatable accuracy in any pushing, pulling, or positioning application.

### High Speed Accuracy

Setting and resetting manual stops is slow and inaccurate. TigerTurbo allows you to push heavy material, up to 840 lbs., quickly and accurately.

### Upgrades

Like most TigerStop products, TigerTurbo comes with optional upgrades. These include label printing, touch screen controls, Dynamic Optimization™ nesting software for increasing yield, and so much more.

### Easy to Automate

With TigerStop's powerful automation platform, you can quickly and simply automate your existing equipment. You decide how far you want to take it. Manual, semi-automatic, or fully automatic processing, TigerTurbo can do it all.

### Easy to Learn

Not everyone can read a tape measure the way you can. TigerTurbo's simple and intuitive controls allow even a novice to cut like a pro in under 10 minutes.



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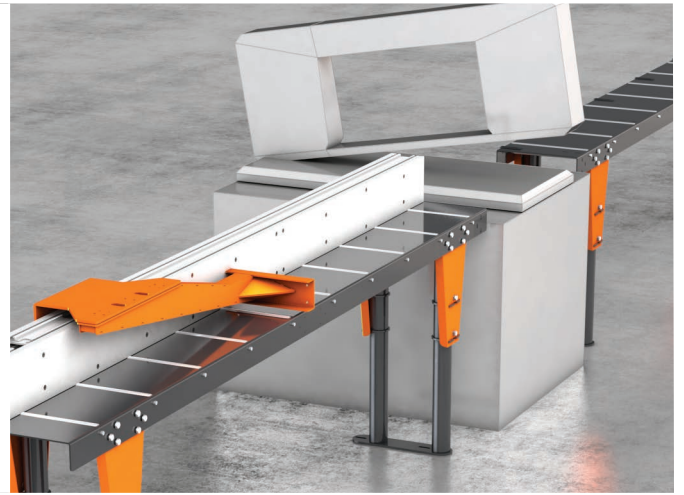
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## Choose Your Tools.

TigerTurbo can adapt to virtually any machine tool.



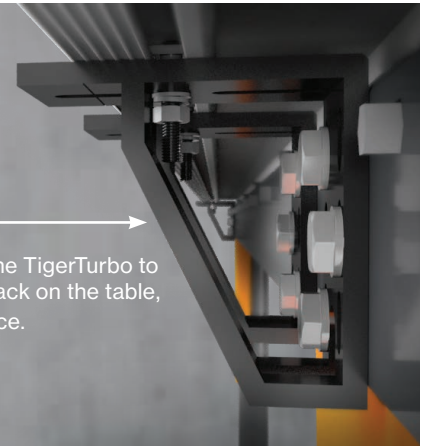
## Choose Your Tables:

- Solid
- Steel Roller
- Plastic Roller



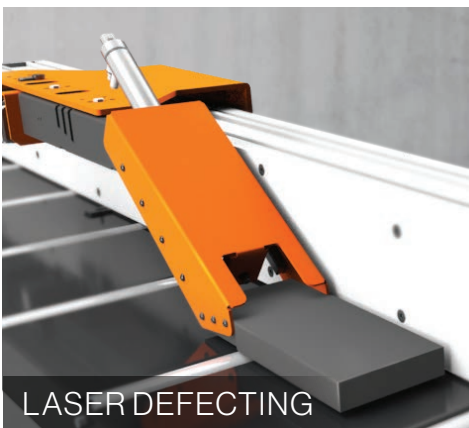
## Universal Bracket

This bracket allows the TigerTurbo to be installed farther back on the table, maximizing work space.



## Choose Your Software.

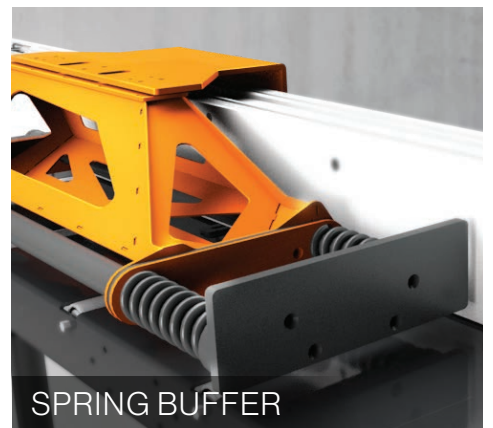
- Backboard Optimization™
- Dynamic Optimization™
- Dynamic Pack Optimization™
- Flooring Optimization™
- TigerSet
- TigerStopSDK Open Source Software Development Kit



LASER DEFECTING



GANGSTOP



SPRING BUFFER

Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# HeavyDuty 2

HeavyDuty 2 was designed and built from the ground up to push, pull, and position heavy weight material up to 2,100 lbs.



**TigerStop®**  
fast and accurate...every time

# Fast and Accurate

## Heavy Duty Automated Feeder For Positioning Material

Built for your heaviest loads, this rugged yet powerful system can push, pull, and position up to 2,100 pounds with repeatable accuracy shift after shift.

### Speed

Measuring and marking material, as well as adjusting manual fences on your ironworker, band saw, drill, or other machine tool, can take anywhere from 25-60 seconds per piece. HeavyDuty 2 takes set up time down to zero seconds.

### Accuracy

HeavyDuty 2 positions material to +/- .008" (.2mm), giving you perfectly cut parts...every time. Costly rework will be a thing of the past.

### Rack and Pinion

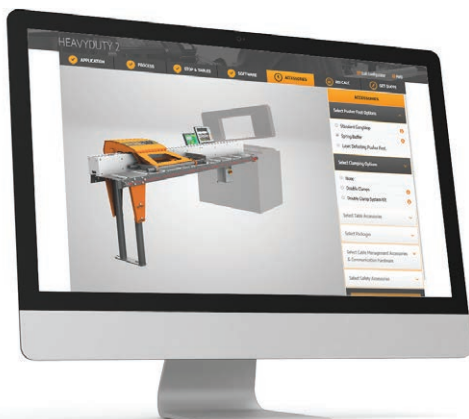
HeavyDuty 2 uses a rack and pinion drive that provides a repeatable accuracy of +/- .008" (.2 mm) providing superior pushing force for your heaviest jobs.

### Easy to Operate

An unskilled operator can be trained to use a HeavyDuty 2 to push, pull, and position material in under 10 minutes.



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BUT IT'S REALLY ONLY **4 STEPS**.



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## Choose Your Tools.

HeavyDuty 2 can adapt to virtually any machine tool.



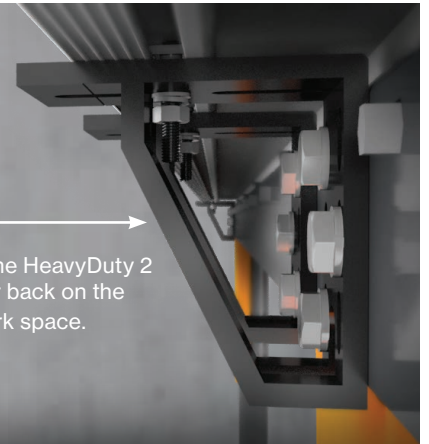
## Choose Your Tables:

- Solid
- Steel Roller
- Plastic Roller



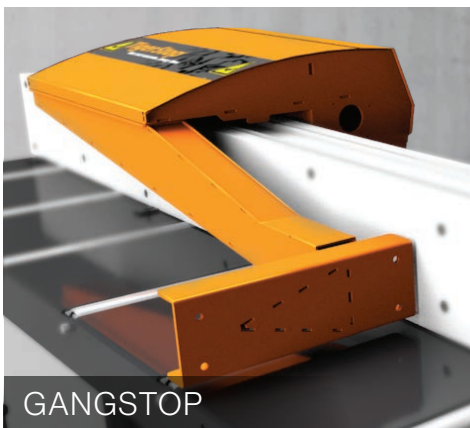
## Universal Bracket

This bracket allows the HeavyDuty 2 to be installed farther back on the table, maximizing work space.

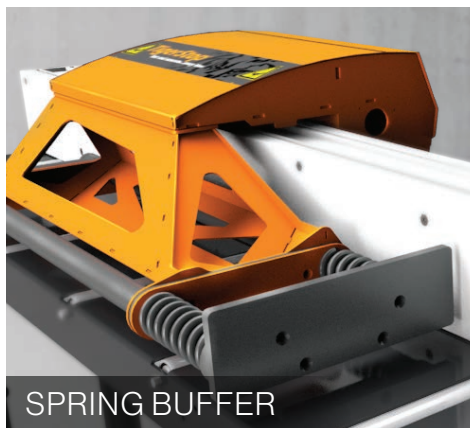


## Choose Your Software.

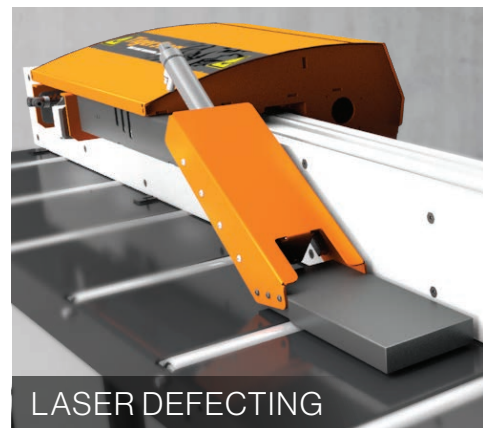
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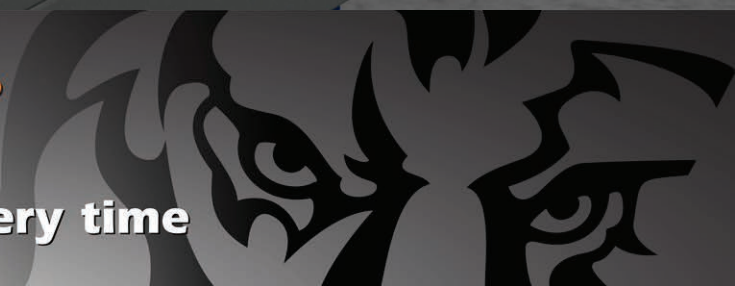


# TigerSaw 1000

TigerSaw 1000™ is the perfect fully automated optimizing push feed saw station for fast and accurate cutting of wood and plastic materials. It increases yield, accuracy, and productivity at the best value point in the industry, offering uncompromising quality.



**TigerStop®**  
fast and accurate...every time





# Fast and Accurate

## Fully Automated Optimizing Saw System For Wood and Plastics

### Improved Yields

Dynamic Optimization™ software comes standard and automatically determines the best yield from your cut list. Improved material yield saves money and reduces waste. It allows operators to optimize perfectly, because TigerSaw 1000 is doing the math.

### Drop A Grade Of Lumber With Crayon Defect Marking

Operators use a UV Crayon to mark defects in the material. TigerSaw 1000 cuts around those defects and optimizes the clear material while cutting parts. When defecting and optimizing in-house, shops can downgrade to lower cost lumber and retain the same high quality. See your lumber bill shrink with TigerSaw 1000.

### Process Pack/Bundles

Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw 1000's adjustable cutting envelope can accommodate pack sizes from 6in x 6in to 1in x 16in envelopes and the HeavyDuty 2 can push loads up to 2,100 lbs.

### 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.

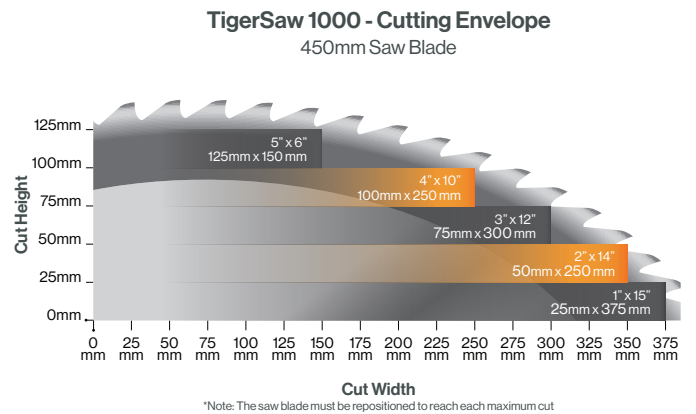
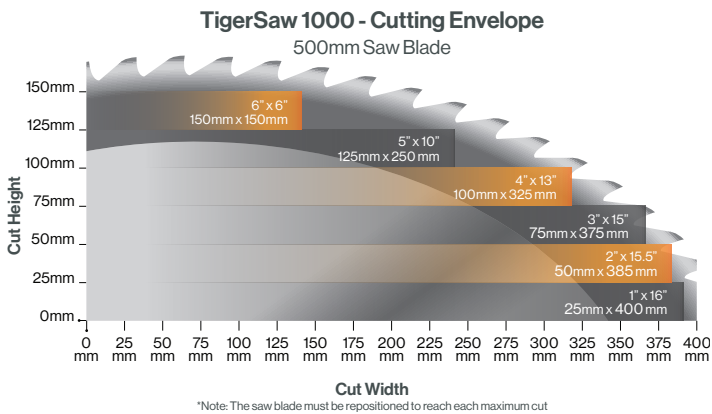
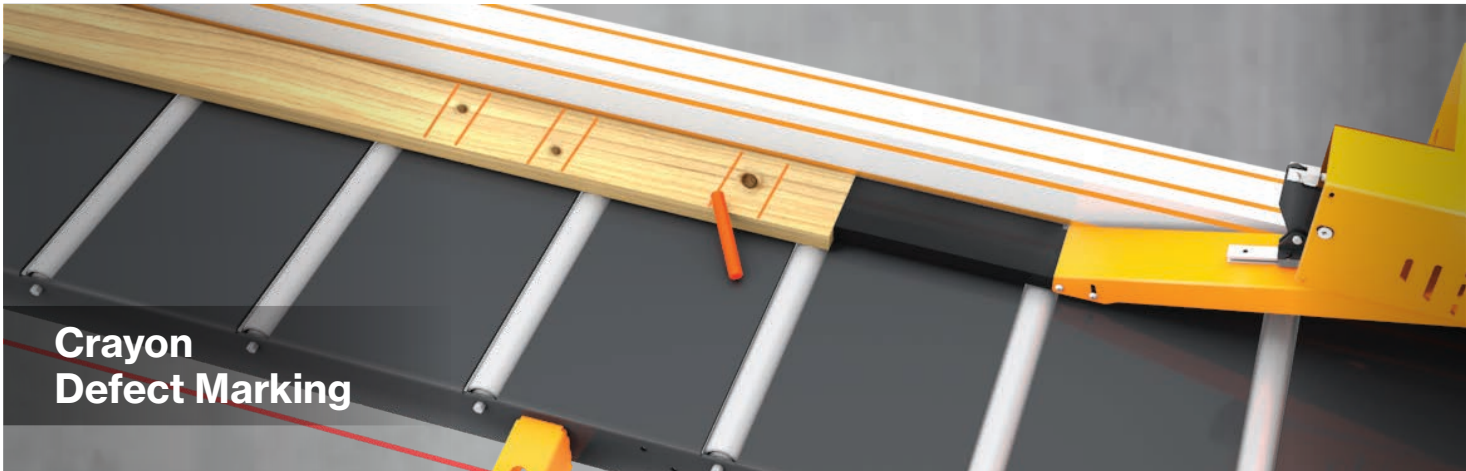
### Features

- Adjustable cutting envelope
- Best in class material optimization with Dynamic Optimization™
- Advanced dust collection
- Pack/bundle and panel list capability using Dynamic Pack Optimization™ software and Flooring Optimization™ software
- 5-piece door panel optimization
- Push up to 120 lbs using TigerStop, 840 lbs using TigerTurbo, and 2,100 lbs using HeavyDuty 2
- TigerLink 6 Cut List Downloading software
- Downloading patterns

### Options

- Power options for TigerSaw 1000 are 208V, 230V, and 480V 3-phase
- Crayon Defect Marking
- Automatic horizontal & vertical pneumatic clamping
- Touch screen control with TigerTouch
- Inkjet or label printing





Learn more: [www.tigerstop.com](http://www.tigerstop.com)

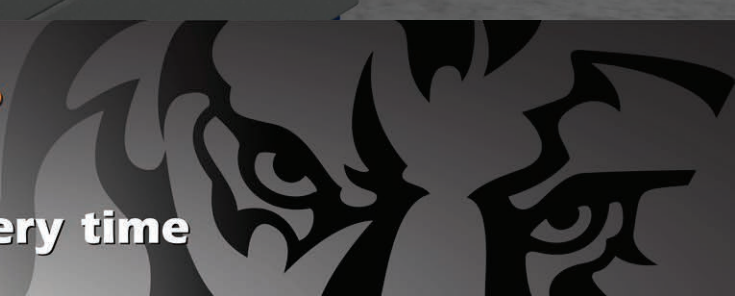


# TigerSaw 2000

TigerSaw 2000™ is the perfect fully automated optimizing push feed saw station for fast and accurate cutting of non-ferrous metals. It increases yield, accuracy, and productivity at the best value point in the industry, offering uncompromising quality.



**TigerStop®**  
fast and accurate...every time



# Fast and Accurate

## Fully Automated Optimizing Saw System For Non-Ferrous Metals

### Improved Yields

Dynamic Optimization™ software comes standard and automatically determines the best yield from your cut list. Improved material yield saves money and reduces waste. It allows operators to optimize perfectly, because TigerSaw 2000 is doing the math.

### Crayon Defect Marking

Operators use a UV Crayon to mark defects in the material. TigerSaw 2000 cuts around those defects and optimizes the clear material while cutting parts.

### Unparalleled Cut Quality

When sawing, heat is generated at the teeth of the blade and then transmitted throughout the blade. Too much heat can damage the blade and yield poor cut quality. TigerSaw 2000 has a patented lube mist system that supplies lubrication right at the point of heat generation to lengthen the life of the blade and provide a better cut quality.

### Process Pack/Bundles

Cutting bundles dramatically increases throughput (i.e. cutting ten parts at once increases production tenfold). TigerSaw 2000's adjustable cutting envelope can accommodate pack sizes from 6in x 6in to 1in x 16in envelopes and the HeavyDuty 2 can push loads up to 2,100 lbs.

### Features

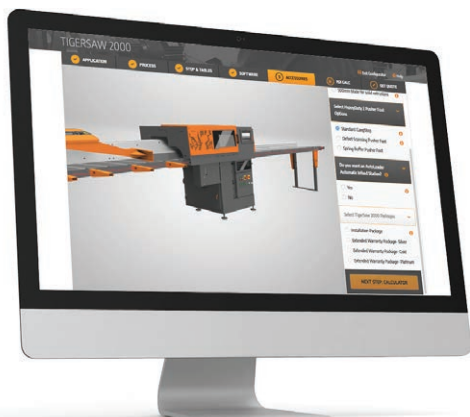
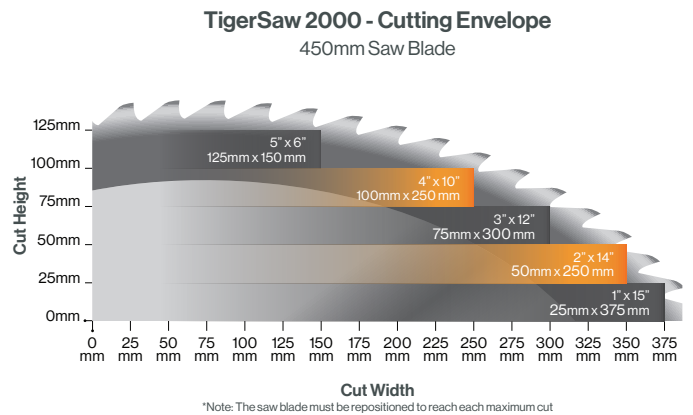
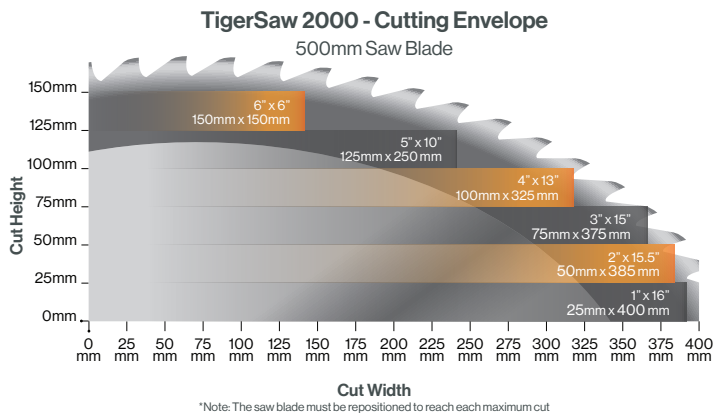
- Industry leading Spray Mist Coolant System™
- Adjustable cutting envelope
- Best in class material optimization with Dynamic Optimization™
- Advanced dust collection
- Pack/bundle list capability using Dynamic Pack Optimization™
- Push up to 120 lbs using TigerStop, 840 lbs using TigerTurbo, and 2,100 lbs using HeavyDuty 2
- TigerLink 6 Cut List Downloading software
- Downloading patterns

### Options

- Power options for TigerSaw 2000 are 208V, 230V, and 480V 3-phase
- Crayon Defect Marking
- Automatic horizontal and vertical pneumatic clamping
- Touch screen control with TigerTouch
- Inkjet or label printing







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



Learn more: [www.tigerstop.com](http://www.tigerstop.com)

# TigerSaw Miter

TigerSaw Miter™ 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  $\pm .1^\circ$  with TigerSaw Miter. Forget manually measuring, marking material, and positioning a miter saw. TigerSaw Miter 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 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  $\pm .1^\circ$
- TigerLink 6 Cut List Downloading Software
- TigerTouch touch screen control
- Turn speed of 3 seconds when moving from  $-45^\circ$  to  $45^\circ$
- Self-adjusting front fence
- Unist brand lubrication system 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
- 508mm saw blade
- 230V 3-phase power





**TigerSaw Miter Cutting Envelope**  
0mm - 200mm (0-11in)

Thickness (0-5.9) Cut	Width (Max width at 45°)
25 mm	200 mm
50 mm	190 mm
75 mm	175 mm
100 mm	155 mm
125 mm	125 mm
150 mm	85 mm

**TigerSaw Miter Cutting Envelope**  
0mm - 280mm (0-11in)

Thickness (0-5.9) Cut	Width (Max width at 0) straight
25 mm	280 mm
50 mm	265 mm
75 mm	245 mm
100 mm	217.5 mm
125 mm	175 mm
150 mm	120 mm



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# AutoLoader

TigerStop's AutoLoader is an Automatic Infeed Station that greatly increases the efficiency of your TigerStop, TigerTurbo, TigerSaw 1000, or TigerSaw 2000 fully automated saw system, whether you are processing metal, wood, plastic, or composites.



**TigerStop®**  
fast and accurate...every time



# Increase Your Throughput

## Productivity Enhancing Automatic Infeed Station

Running machinery at maximum capacity can often take two operators- one to load and one to sort finished parts. However, only a single operator is needed to run an AutoLoader, effectively saving time and money.

### Saves Operator Time

A single operator can load the Automatic Infeed Station with up to five pieces or bundles at a time. The AutoLoader indexes the material and feeds it through the sawing station automatically, reducing workspace travel time by up to 80%.

### Mark Defects Ahead of Time

A skilled employee can mark material defects with a UV crayon ahead of time, and even your newest operator can finish the job loading pieces onto the Automatic Infeed Station.

### Configurable to Your Operation

Customize the number of Automatic Infeed Stations based on the length of the material you need to process. You can integrate anywhere from 2-7 loading stations which will accommodate material ranging from 4 feet to 30 feet.

### Amazing Value

ROI is achieved very quickly with an Automatic Infeed Station because you are able to process more material in a shorter time span, with less people. When combined with a TigerSaw 1000™ and TigerSaw 2000™ the AutoLoader will increase yield, accuracy, and productivity, at the best value in the industry.

### Features

- Available for TigerStops, TigerTurbos, and TigerSaws
- Flexible material length capacities from 4-30 feet
- Configure anywhere from 2 to 7 loading stations in 3 or 6 foot intervals
- Sensors signal when material is ready to be processed
- AIK (Advanced Interconnect Kit) connects to saw to fully automate cutting
- Safety switch and "kill" line run the entire length
- The AutoLoader is a great solution for processing varying materials including wood, metal, plastic, and composites



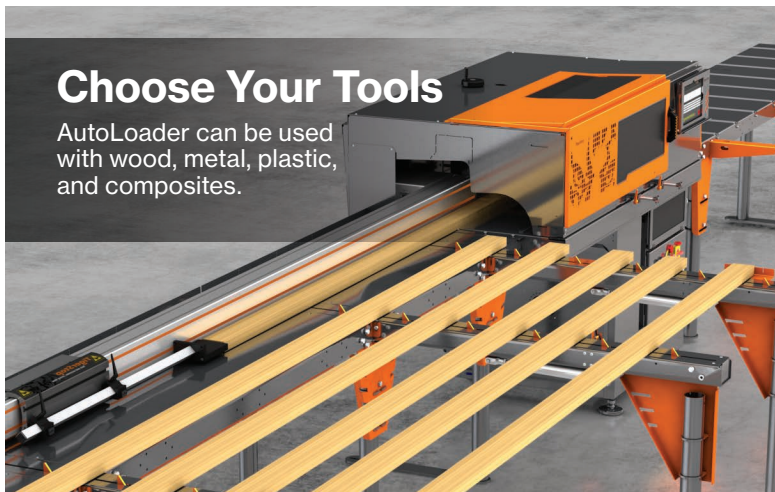
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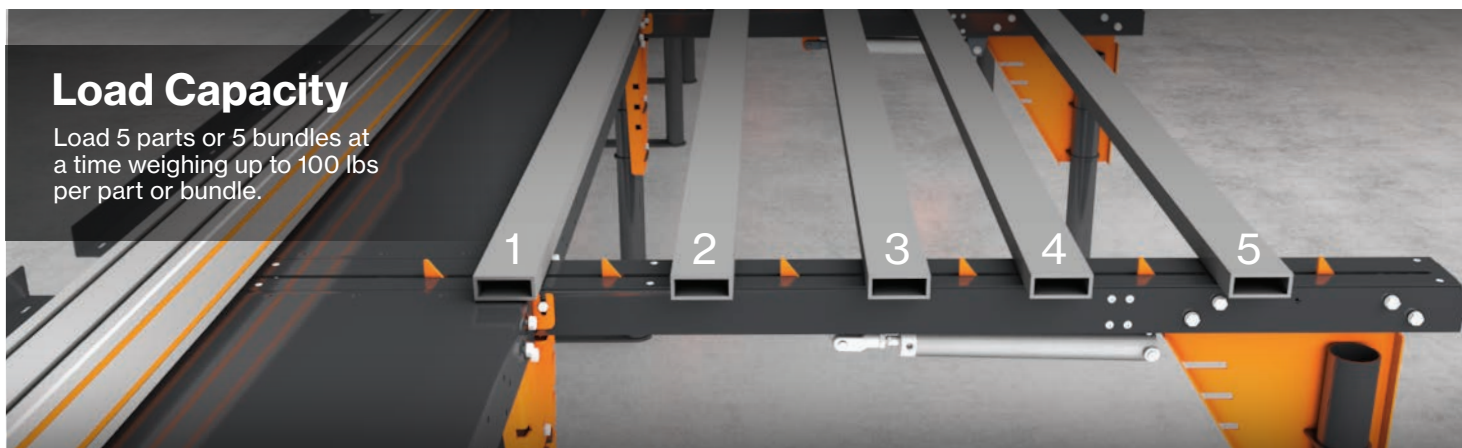
## Choose Your Tools

AutoLoader can be used with wood, metal, plastic, and composites.



## Load Capacity

Load 5 parts or 5 bundles at a time weighing up to 100 lbs per part or bundle.

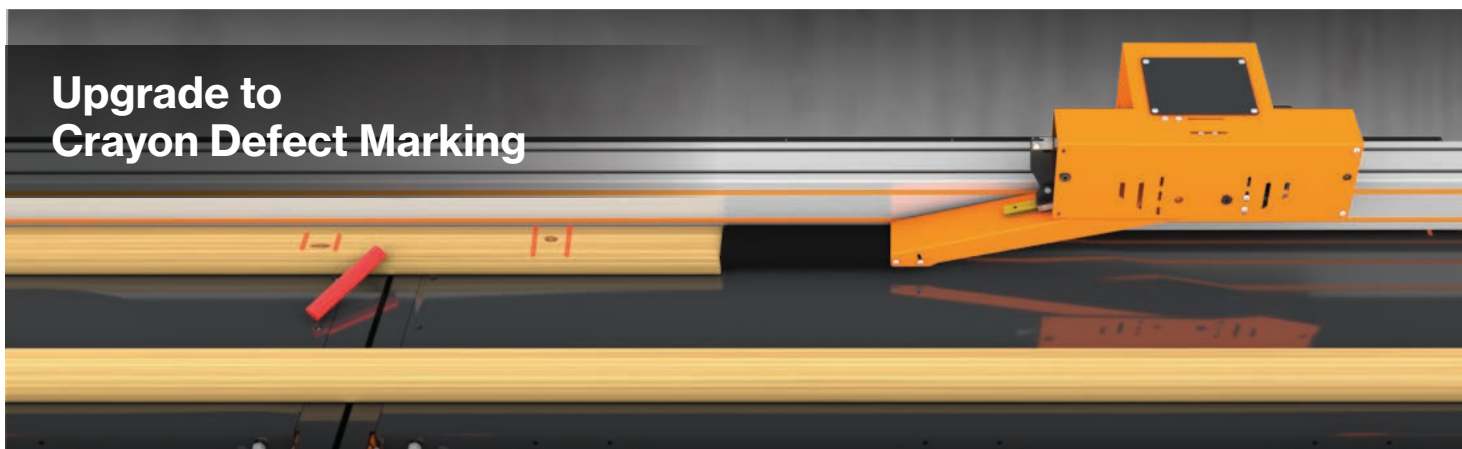


## Safety

- AIK (Advanced Interconnect Kit)
- Safety switch and "kill" line run the entire length



## Upgrade to Crayon Defect Marking



Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# Material Handling Tables

TigerStop tables are the ideal foundation for your shop whether you own TigerStop brand pusher systems or not. TigerStop tables are industrial strength and made from the strongest cold rolled steel. With so many table options to choose from, you will surely find a style that fits your unique space and weight requirements.



**TigerStop®**  
fast and accurate...every time





# Style and Design Meet Durability

## Perfect Material Handling Solutions For The Lean Shop

### Table For Every Application

TigerStop tables come in three distinct styles: solid, plastic roller, and steel roller depending on material and weight requirements needed. You may also place a solid table after a roller table to slow down material, we call this a friction table.

### A Wide Variety

TigerStop tables come in three widths: 14.4", 24", and 31".

### Choose Your Degree

Every TigerStop table can be purchased with 10° tilted brackets to tilt your tables to match your tilted tools. In addition, TigerStop table systems are designed to attach to your tool, but if you want to make your table freestanding, be sure to order an extra leg kit.

### Length

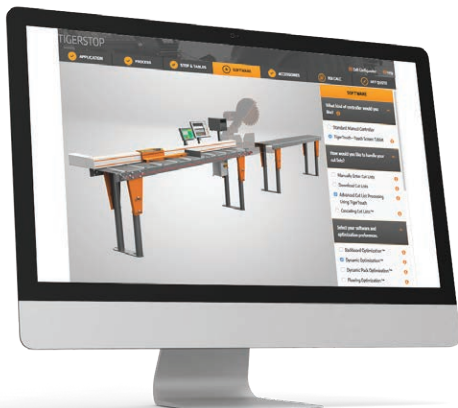
TigerStop offers tables from 2 feet overall length all the way to 108 feet, and nearly every size in between.

### Pinch Free

TigerStop roller tables have filled in space between the rollers, which improves safety and helps prevent pinching.



## CONFIGURE A TABLE FOR YOUR MACHINE.

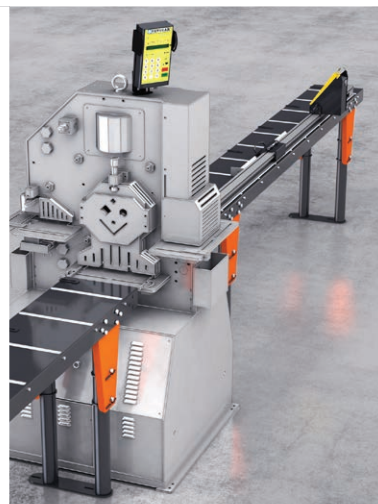


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## Choose Your Tools.

TigerStop's Tables can adapt to virtually any machine tool.



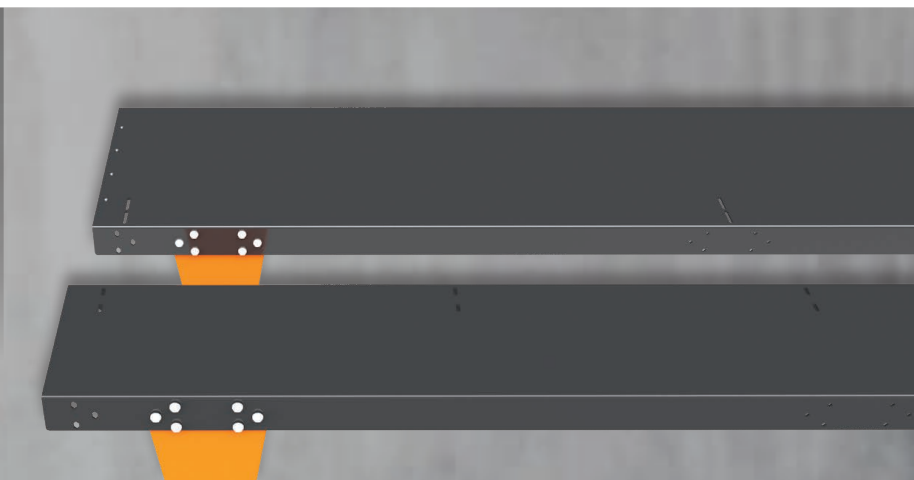
## Choose Your Tables:

- Solid
- Steel Roller
- Plastic Roller



## Versatile Workspace

Available in 14.4", 24", or 31" solid, steel roller, or plastic roller tables. Tilt any of the aforementioned configurations 10° using tilted brackets.



## Saw Attachment Plate

Attach the Saw Attachment Plate to your free standing tool and easily attach any TigerStop® table system.



Learn more: [www.tigerstop.com](http://www.tigerstop.com)



# Software

Get the most out of your machinery by using TigerStop's software for data handling, defecting and optimizing raw material, and more.



# TigerStop®

fast and accurate...every time

# FROM DESIGN TO DONE

Software For Data Handling, Defecting, Optimizing, And More



## TigerLink 6 Cut List Downloading Software

With TigerLink 6 you can download cut lists or part lists from your network and send them directly to your TigerStop using Ethernet cables. You no longer have to use messy paper cut lists.

## Dynamic Optimization™

Dynamic Optimization software gives you the best yield by determining the optimal cutting order from your parts list. Improved material yield saves money on raw material and reduces scrap waste. Pair Dynamic Optimization with a laser scanning and defecting pusher foot for even greater throughput.

## Backboard Optimization™

Backboard Optimization™ is a process developed and patented by TigerStop which utilizes Dynamic Optimization software in conjunction with a backboard fence and ruler.

## Dynamic Pack Optimization™

Dynamic Pack Optimization software allows you to quickly process packs and bundles of material and achieve the greatest yield possible.

## Flooring Optimization™

The Flooring Optimization software upgrade for TigerTouch is perfect for manufacturers of flooring who need to ship finished products in very specific pallet sizes. Flooring Optimization software replaces the need to purchase custom flooring packaging machines.

## Cascading Cut Lists™

Cascading Cut Lists can be used for processing metal, wood, composites, or plastic. Once a list designated a Cascade list is

completed, the software automatically searches for and initiates, the next list, until the entire job is finished.

## TigerSet

The TigerSet software upgrade opens up a communication port on your TigerStop so you can use a PC, PLC or Barcode Scanner to control your TigerStop systems. You can also create your own code using TigerStopSDK.

## TigerSDK™

TigerStop's Software Development Kit is a set of tools to help you develop your own software for the TigerStop hardware platform. If your company wants to use its TigerStop in a way that we don't yet support, you can do so using our free code on Git Hub: <https://github.com/TigerStop>

## TigerTouch™

Any TigerStop can be enhanced with cutting edge touch screen control with TigerTouch. Using the TigerTouch touch screen controller, you can download an infinite number of cut lists, display three cut lists at a time for easy switching between work orders, and view statistics such as job status, remnants, remaining parts, and yield. TigerTouch is available for:

- TigerFence
- TigerCrossCut
- TigerStop
- TigerRack
- TigerTurbo
- HeavyDuty 2
- TigerSaw 1000
- TigerSaw 2000
- TigerSaw Miter





**Cascading Cut Lists™**

Length	Quantity	Remaining	Line	Prod Ord	Hood L	Hood W
156.000	5	5	20	94862048	156	54
100.000	4	4	20	94862048	156	54
78.000	3	3	20	94862048	156	54
53.000	2	2	20	94862048	156	54
86.000	6	6	50	94862087	156	54
40.000	1	1	50	94862087	156	54
35.000	2	2	20	94862048	156	54
61.000	4	4	20	94862048	156	54
110.000	2	2	50	94862087	156	54
125.000	6	6	50	94862087	156	54

Automatically searches for, and initiates, the next list until the entire job is finished.

**Dynamic Optimization™**

**Backboard Optimization™**

**Dynamic Pack Optimization™**

**Software Integrations**

- Printing Bar Codes
- Label Printing
- Thermal Transfer Printing
- Inkjet Printing
- Standard Interconnect Kit
- Advanced Interconnect Kit



Learn more: [www.tigerstop.com](http://www.tigerstop.com)

# TigerStop Product

## COMPARISON CHART

Product	Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
 TigerSPC	Caliper	2 AA Battery	32mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	0' - 20' 0m - 6m
 SawGear	Stop Only	110 Vac	32mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	8' - 20' 2.4m - 6m
 TigerCrossCut	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08mm	10' 3m
 TigerFence	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08mm	51" or 70" 1.29m - 1.77m
 TigerStop	120 LBS 54 KG	110 / 240 Vac	32mm Belt Steel Reinforced	+/- .004" +/- 0.1mm	4' - 30' 1.2m - 9.1m
 TigerRack	720 LBS 326 KG	110 / 240 Vac	Rack & Pinion	+/- .008" +/- 0.2mm	12' - 108' 3.7m - 32.9m
 TigerTurbo	840 LBS 381 KG	110 / 240 Vac	75mm Belt Steel Reinforced	+/- .008" +/- 0.2mm	12' - 42' 3.7m - 12.8m
 HeavyDuty 2	2100 LBS 952 KG	110 / 240 Vac	Rack & Pinion	+/- .008" +/- 0.2mm	12' - 108' 3.7m - 32.9m
 TigerSaw 1000	2100 LBS 952 KG	208 / 480 Vac	32mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3mm	8' - 108' 2.4m - 32.9m
 TigerSaw 2000	2100 LBS 952 KG	208 / 480 Vac	32mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3mm	8' - 108' 2.4m - 32.9m
 TigerSaw Miter	2100 LBS 952 KG	230 Vac	32mm Belt Steel Reinforced or Rack & Pinion	+/- 0.1° +/- .008"	8' - 108' 2.4m - 32.9m
 AutoLoader	5x100 LBS 5x45.36 KG	110 / 240 Vac 208 / 480 Vac	Pneumatic	N/A	4' - 30' 1.2m - 9.1m

For more information, contact:



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