

# 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**.



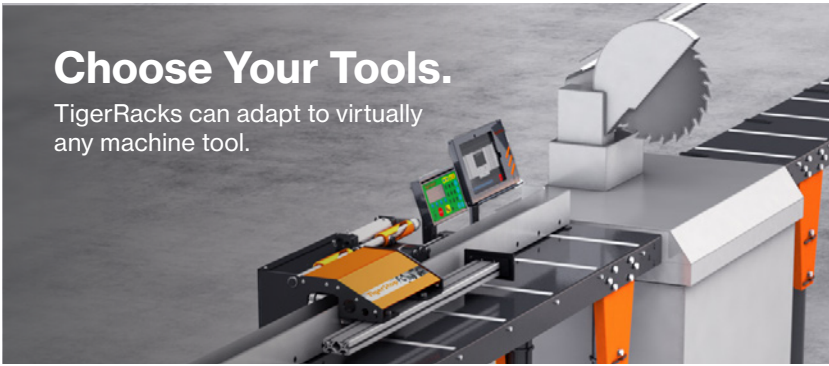
Build your very own by visiting:  
[www.configurator.tigerstop.com](http://www.configurator.tigerstop.com)





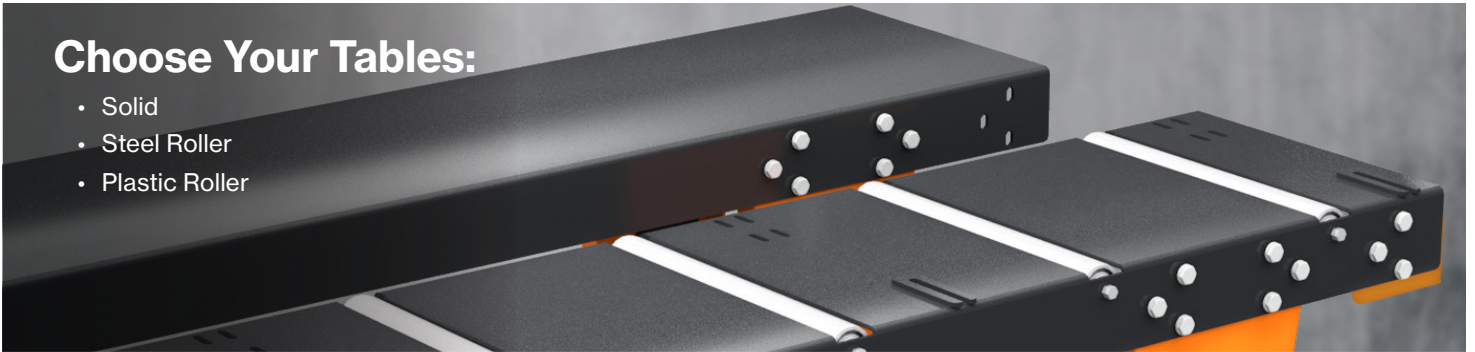
## Choose Your Tools.

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)

# TigerStop Product

## COMPARISON CHART

Product	Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
 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
 TigerFence	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08mm	51" or 70" 1.29m - 1.77m
 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
 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
 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 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 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
 AutoLoader	5x100 LBS 5x45.36 KG	110 / 240 Vac 208 / 480 Vac	Pneumatic	N/A	4' - 30' 1.2m - 9.1m

• Made in USA from domestic and foreign components.

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