

# 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**<sup>®</sup>  
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

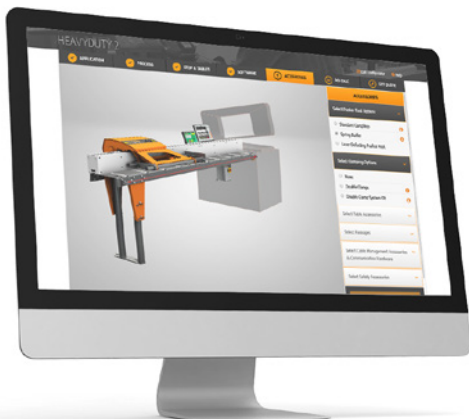
HeavyDuty 2 uses a rack and pinion drive that provides a repeatable accuracy of +/- .008" (.2 mm) providing superior pushing force for your heaviest jobs.

### Easy to Operate

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



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

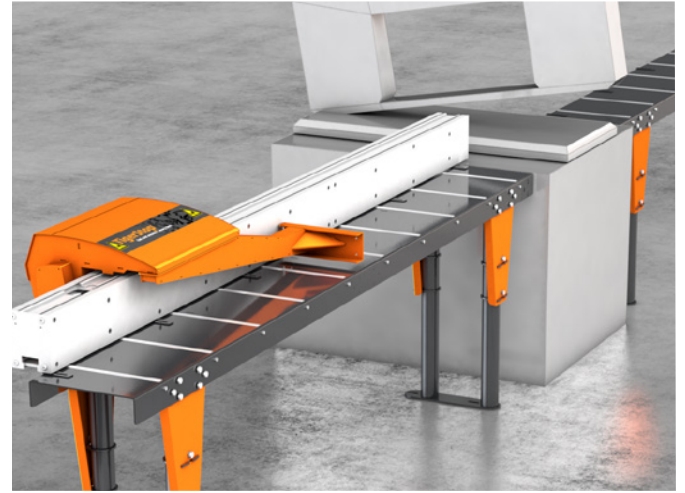


Build your very own by visiting:  
[www.configurator.tigerstop.com](http://www.configurator.tigerstop.com)



## Choose Your Tools.

HeavyDuty 2 can adapt to virtually any machine tool.



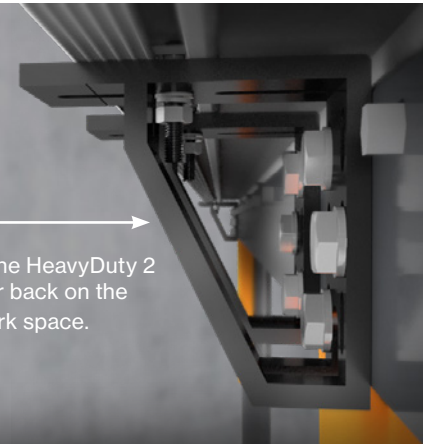
## Choose Your Tables:

- Solid
- Steel Roller
- Plastic Roller



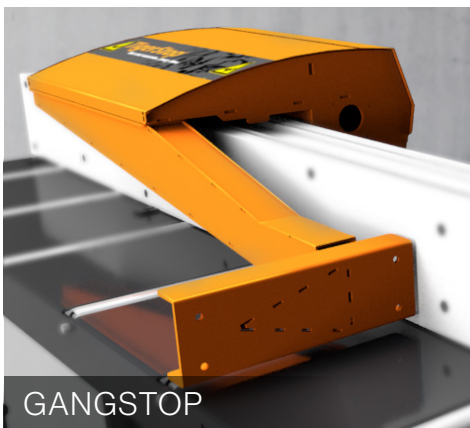
## Universal Bracket

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

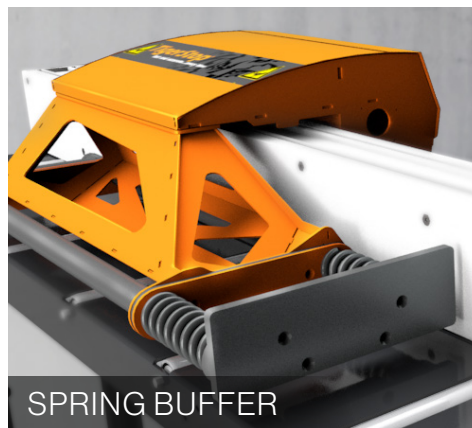


## Choose Your Software.

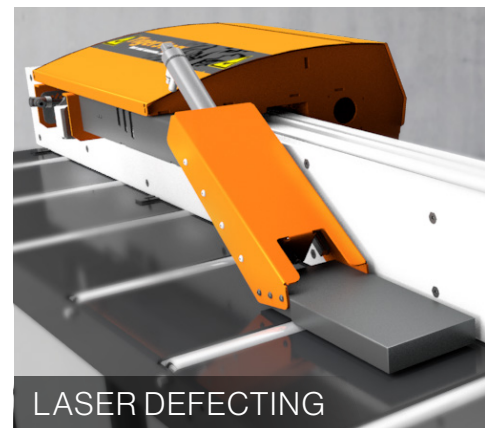
- Backboard Optimization™
- Dynamic Optimization™
- Dynamic Pack Optimization™
- Flooring Optimization™
- TigerSet
- TigerStopSDK Open Source Software Development Kit



GANGSTOP



SPRING BUFFER



LASER DEFECTING

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"<br>+/- 0.2mm  | 0' - 20'<br>0m - 6m         |
|  SawGear                              | Stop Only               | 110 Vac                        | 32mm Belt Steel Reinforced                  | +/- .008"<br>+/- 0.2mm  | 8' - 20'<br>2.4m - 6m       |
|  TigerCrossCut                        | Stop Only               | 110 / 240 Vac                  | 3/4" Hi-Lead Screw                          | +/- .003"<br>+/- 0.08mm | 10'<br>3m                   |
|  TigerFence                           | Stop Only               | 110 / 240 Vac                  | 3/4" Hi-Lead Screw                          | +/- .003"<br>+/- 0.08mm | 51" or 70"<br>1.29m - 1.77m |
|  TigerStop                            | 180 LBS<br>81 KG        | 110 / 240 Vac                  | 32mm Belt Steel Reinforced                  | +/- .004"<br>+/- 0.1mm  | 4' - 30'<br>1.2m - 9.1m     |
|  TigerRack                           | 720 LBS<br>326 KG       | 110 / 240 Vac                  | Rack & Pinion                               | +/- .008"<br>+/- 0.2mm  | 12' - 108'<br>3.7m - 32.9m  |
|  TigerTurbo                         | 840 LBS<br>381 KG       | 110 / 240 Vac                  | 75mm Belt Steel Reinforced                  | +/- .008"<br>+/- 0.2mm  | 12' - 42'<br>3.7m - 12.8m   |
|  HeavyDuty 2                        | 2100 LBS<br>952 KG      | 110 / 240 Vac                  | Rack & Pinion                               | +/- .008"<br>+/- 0.2mm  | 12' - 108'<br>3.7m - 32.9m  |
|  TigerSaw 1000                      | 2100 LBS<br>952 KG      | 208 / 480 Vac                  | 32mm Belt Steel Reinforced or Rack & Pinion | +/- .012"<br>+/- 0.3mm  | 8' - 108'<br>2.4m - 32.9m   |
|  TigerSaw 2000                      | 2100 LBS<br>952 KG      | 208 / 480 Vac                  | 32mm Belt Steel Reinforced or Rack & Pinion | +/- .012"<br>+/- 0.3mm  | 8' - 108'<br>2.4m - 32.9m   |
|  TigerSaw Miter<br>TigerSaw MiterXL | 2100 LBS<br>952 KG      | 230 Vac                        | 32mm Belt Steel Reinforced or Rack & Pinion | +/- 0.1°<br>+/- .012"   | 8' - 108'<br>2.4m - 32.9m   |
|  AutoLoader                         | 5x100 LBS<br>5x45.36 KG | 110 / 240 Vac<br>208 / 480 Vac | Pneumatic                                   | N/A                     | 4' - 30'<br>1.2m - 9.1m     |



National Institute of Standards and Technology Certified.  
• Made in USA from domestic and foreign components.

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