

TIGERFENCE / TIGERCROSS CUT

TIGERFENCE

Put CNC precision on your shear, brake or saw. The TigerFence is the compact and precise solution you can quickly add to existing machinery. Now, each time your operator needs to move material to a precise position, all he has to do is punch in the length of the finished part and hit the "Start" key. TigerFence moves to the precise position with $\pm 0.003"$ (0.08 mm) repeatable accuracy, the first time...every time. Now you can build a truly flexible work cell! every time.

With a TigerFence on your shear, you can easily set a program to allow automated processing:

Enter a program

Hit Start

Load your material

Cycle your shear

TigerStop then automatically moves forward

pushing the material to its next position

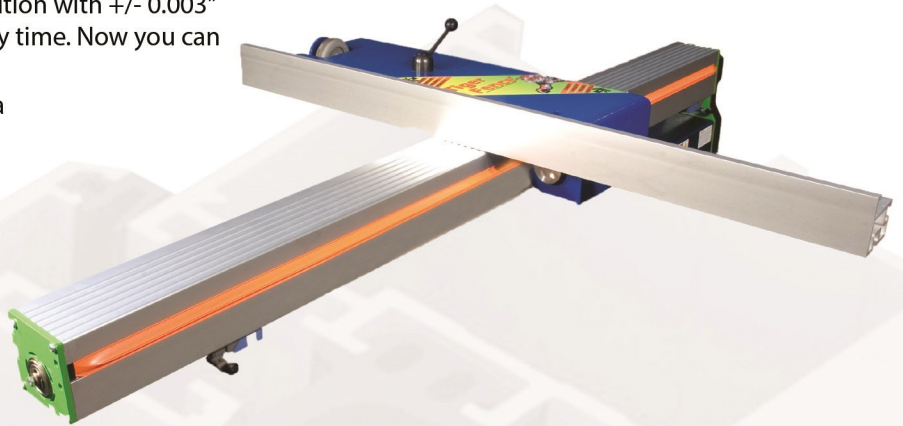
Cycle your shear, and again TigerStop moves to the

next position until your material is used

Then TigerStop moves back and waits for you to

load your next piece


TigerStop can even optimize the strips you need for higher yield and less waste!



TIGERCROSS CUT

With its powerful screw drive and compact size, the TigerCrossCut (TCC) is the perfect solution to automate any of your machines where space is limited. Offering increased accuracy, the TCC can be the perfect solution when a high accuracy stop is required. The TCC is not designed for push feed applications. With a usable range of up to 10 ft (3 meters), you can cut finished parts up to its maximum range using stop one and stop two with a very high degree of accuracy.

SPECIFICATIONS

Working Lengths:	51" (1295 mm), extended lengths up to 70" (1778 mm)
Fence Dimensions:	4.25" (108 mm) x 4.25" (108 mm)
Motor Box Dimensions:	5.5" (140 mm) W x 4.25" (108 mm) H x 10.75" (274 mm) L
Power Requirements:	120 VAC @ 4A, 50Hz–60Hz, grounded, isolated circuit (3-wire) 220 VAC on special request
Motor Type:	DC full loop servo with optical encoder
Drive Type:	3/4" multi-start hi-Lead screw drive Precision ground linear way
Drive Speed:	Up to 10" (254 mm) per second*
Working Weight:	Not used in push applications
Repeatability:	$\pm 0.003"$ (3/1000") (± 0.08 mm) <i>Verified with Interferometer on request</i>
Absolute Accuracy:	$\pm 0.003"$ (3/1000") (± 0.08 mm)
Accuracy Validation:	 National Institute of Standards and Technology Certified
Display Type:	Standard 4 line by 20 character high-contrast LCD
Touchscreen:	Available as upgrade;
Interface Options:	Can be controlled by PC or PLC
Network Options:	Serial, USB, Ethernet

