

# TigerStop®

fast and accurate...every time

2017

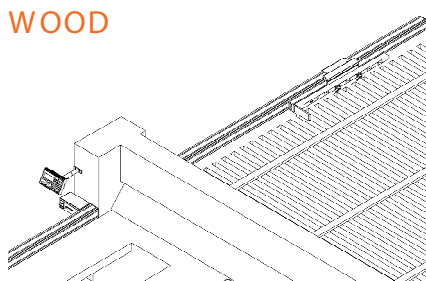
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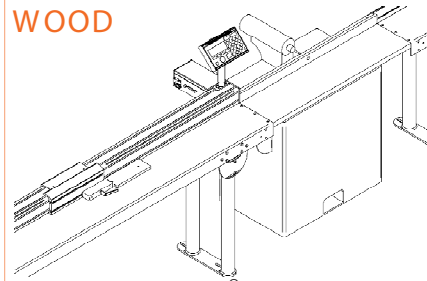
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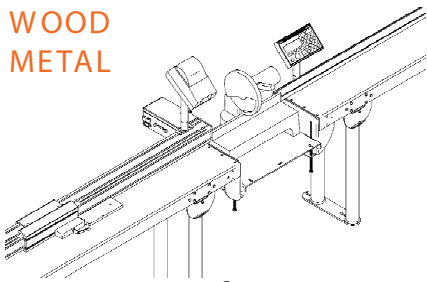
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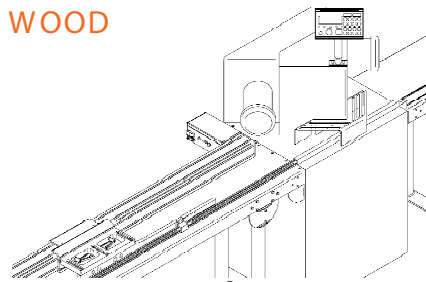
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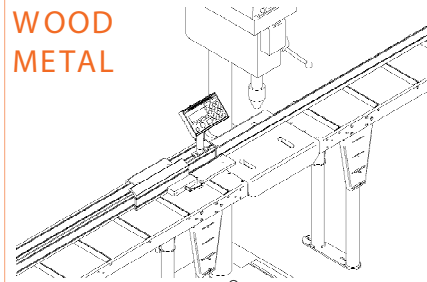
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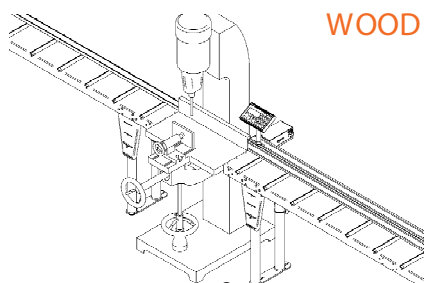
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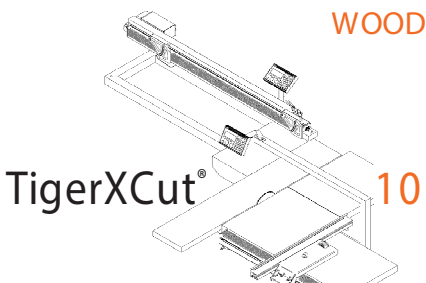
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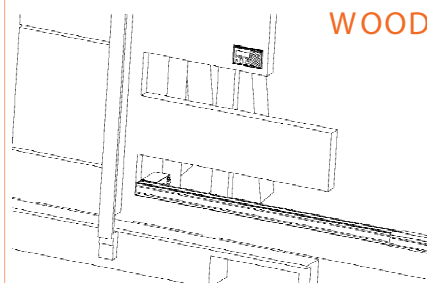
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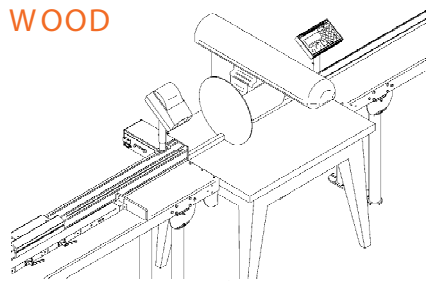
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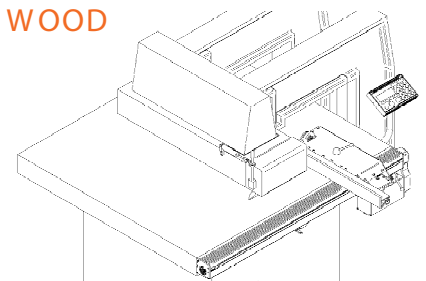
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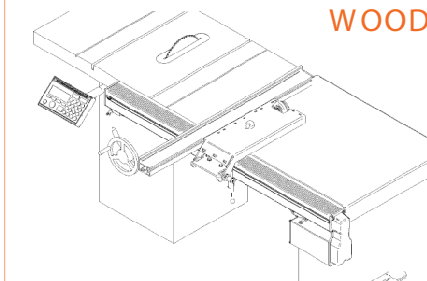
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## TigerStop® Setup Concepts

### 1. TigerStop length is the range of travel.

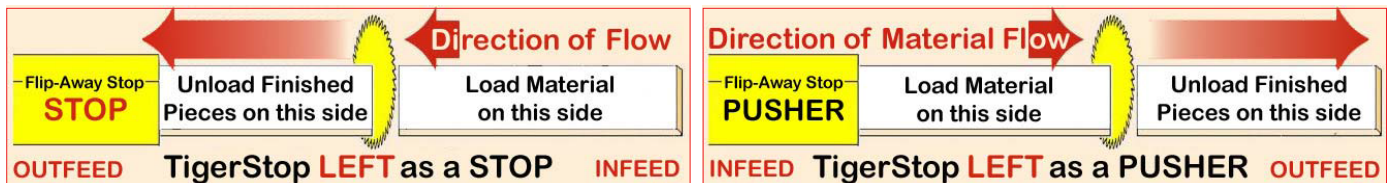
TigerStop OVERALL length is 24¾" longer than ordered length. Example: TS10 has 10' of travel, 12' OA length.

### 2. TigerStop can be used Right- or Left-handed.

TigerStop is EASILY set up to work on the RIGHT or the LEFT side of the tool.

### 3. TigerStop works as Infeed or Outfeed.

INFEED and OUTFEED refer to the DIRECTION of material flow. When TigerStop is used as a STOP, the side it is mounted on is called OUTFEED. Finished pieces come out between the tool and the flip-away stop. When TigerStop is used as a PUSHER, the side it is mounted on is called INFEED. Material is loaded there, and finished pieces come out on the far side of the tool.



### 4. Use TigerStop feed tables or existing tables.

TigerStop mounts EASILY to TigerStop feed tables WITHOUT brackets, OR use TigerStop UBR for back edge mounting to TigerStop feed tables or your existing tables. The feed table under a TigerStop should be the same length as the machine. The feed table on the opposite side of the work station should be long enough to handle your *longest stock length* (used as a stop) or your *longest finished pieces* (used as a pusher).

### 5. TigerStop tables attach to your equipment.

TigerStop feed tables are supported by a free-standing machine at one end, when possible. A TigerStop SAW ATTACHMENT PLATE makes the installation easier. It may be necessary to drill and tap holes in your equipment to attach the feed tables. Use a TigerStop LEG SET for table support when a free-standing tool is not available.

### 6. TigerStop uses a dedicated 110v circuit.

TigerStop uses a dedicated 110v 50~60Hz AC outlet as its power supply. (TS, TF, TG, TCC, TR, SG) (TT, HD, ITR 208V-240V : 1P-3P)

### 7. TigerStop can be used with your computer.

A variety of computer related applications are possible with a TigerStop. Here are some examples:

- BCS + SET TigerStop Bar Code Scanner Package. Turn bar coded lists into TigerStop movement. Includes SET.
- DNLD TigerStop Cut List on Demand. Download, manipulate and process your software generated cut lists.
- CLIP TigerStop Clipboard. Turn your touch screen monitor into an electronic clipboard to process your cut lists.
- SET TigerStop Communications. Use your own software to control TigerStop movement remotely.

**TigerStop®** the inexpensive, reliable way to increase output  
without hiring additional personnel!



## The Basic TigerStop®

TigerStop has 4 major parts:

### 1. Controller

TigerStop's "brain", comes with a stand for mounting.

### 2. Motor Box

TigerStop's "brawn", houses motor and amplifier.  
Receives power, controller and interconnect cables.

### 3. Fence Beam

TigerStop's "body", houses carriage and drive belt.

### 4. Flip-Away Stop

TigerStop's "boot", stops or pushes your materials.

MOTOR End and FAR End are PHYSICAL designations of TigerStop, determined by the location of the motor box and its opposite end.

#### ZERO End

This can be the ZERO End when the tool is located at this end of the TigerStop.

ZERO End  
Normal use

HOME End  
Normal use

FAR End

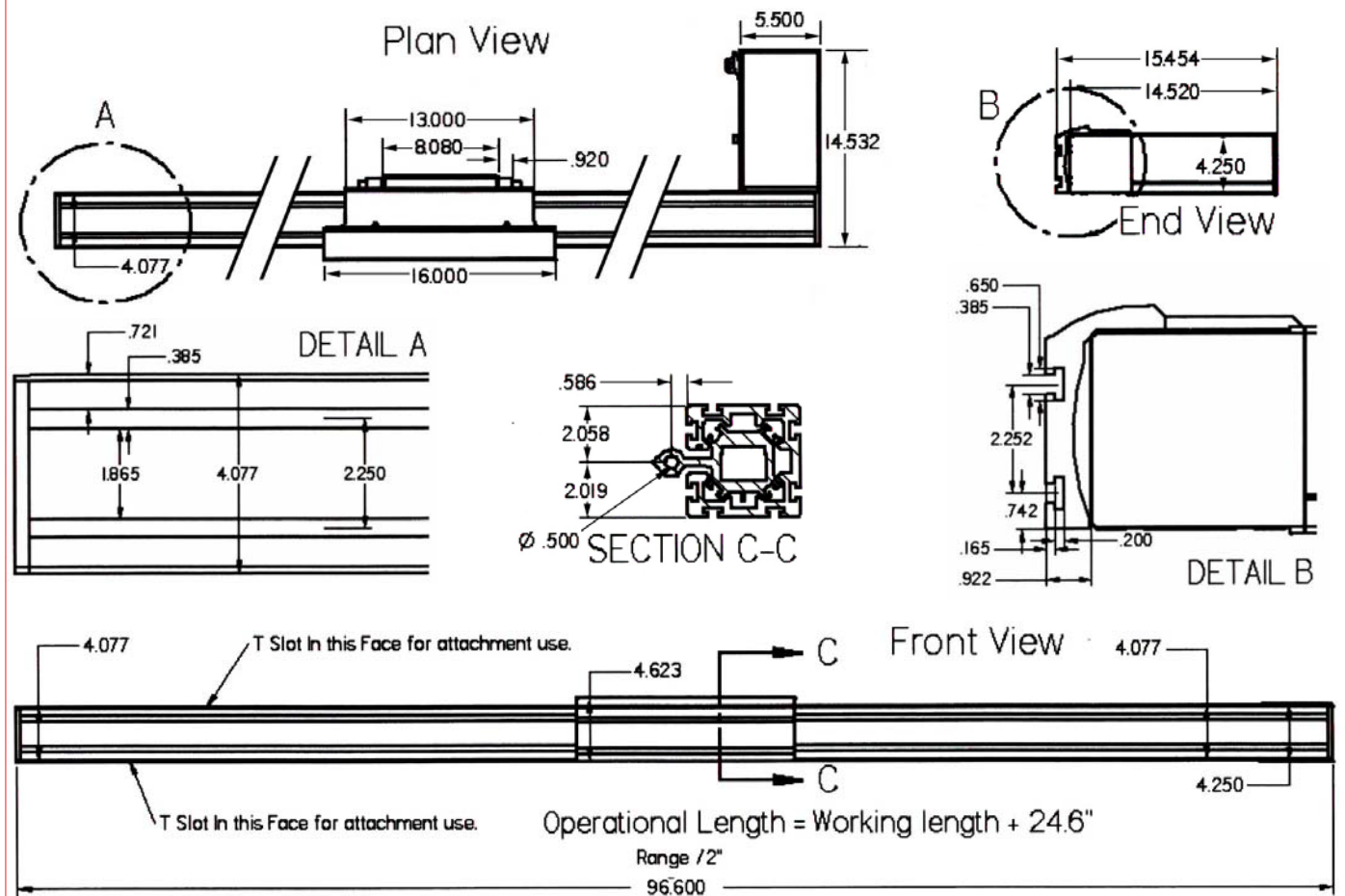
MOTOR End

HOME End

This can be the HOME End when the tool is located at the opposite end of the TigerStop.

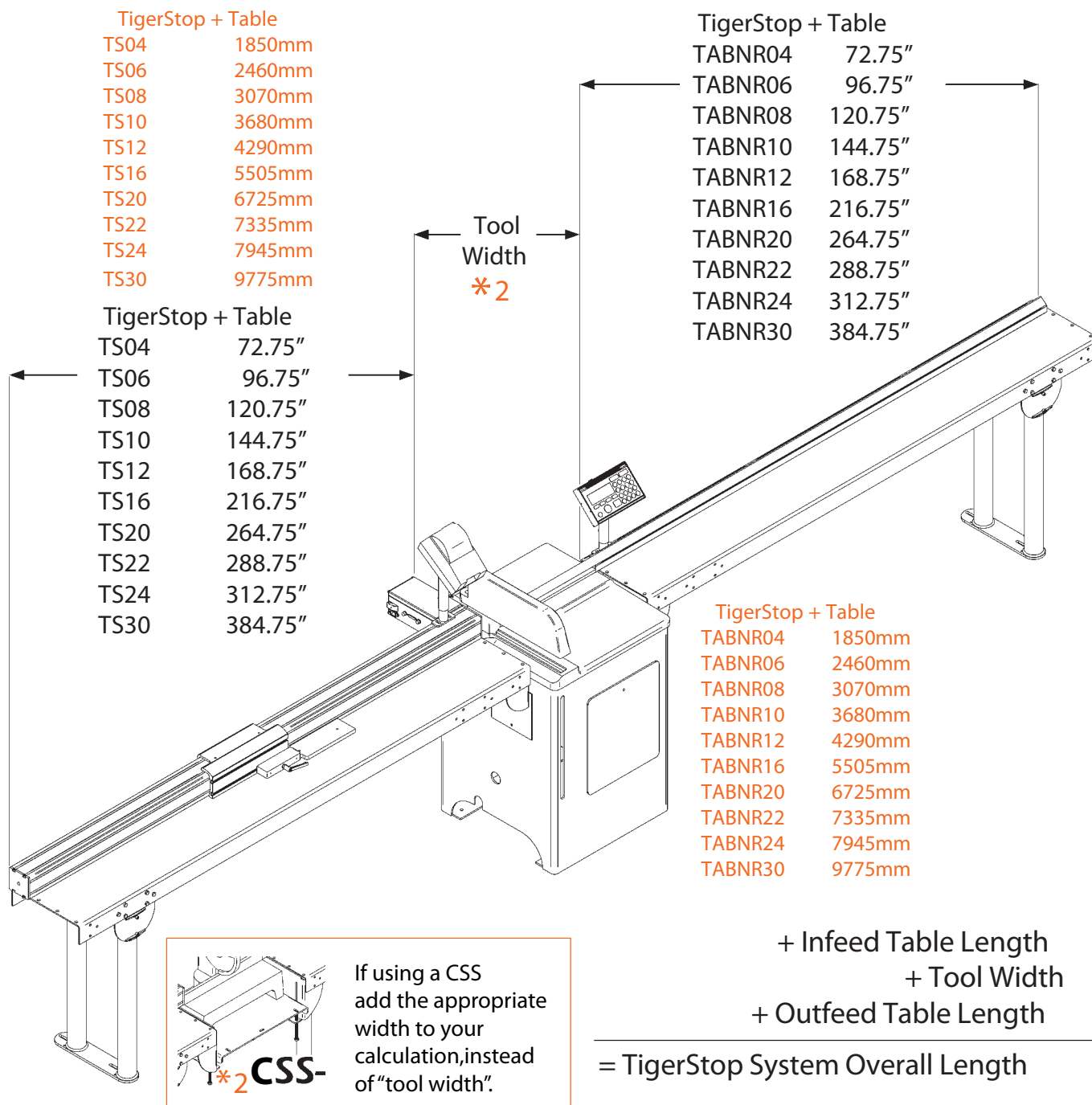
ZERO End and HOME End are FUNCTIONAL designations of TigerStop, determined by the location of the zero point and its opposite end.

## TigerStop Dimensional Specifications





## TigerStop® System Length



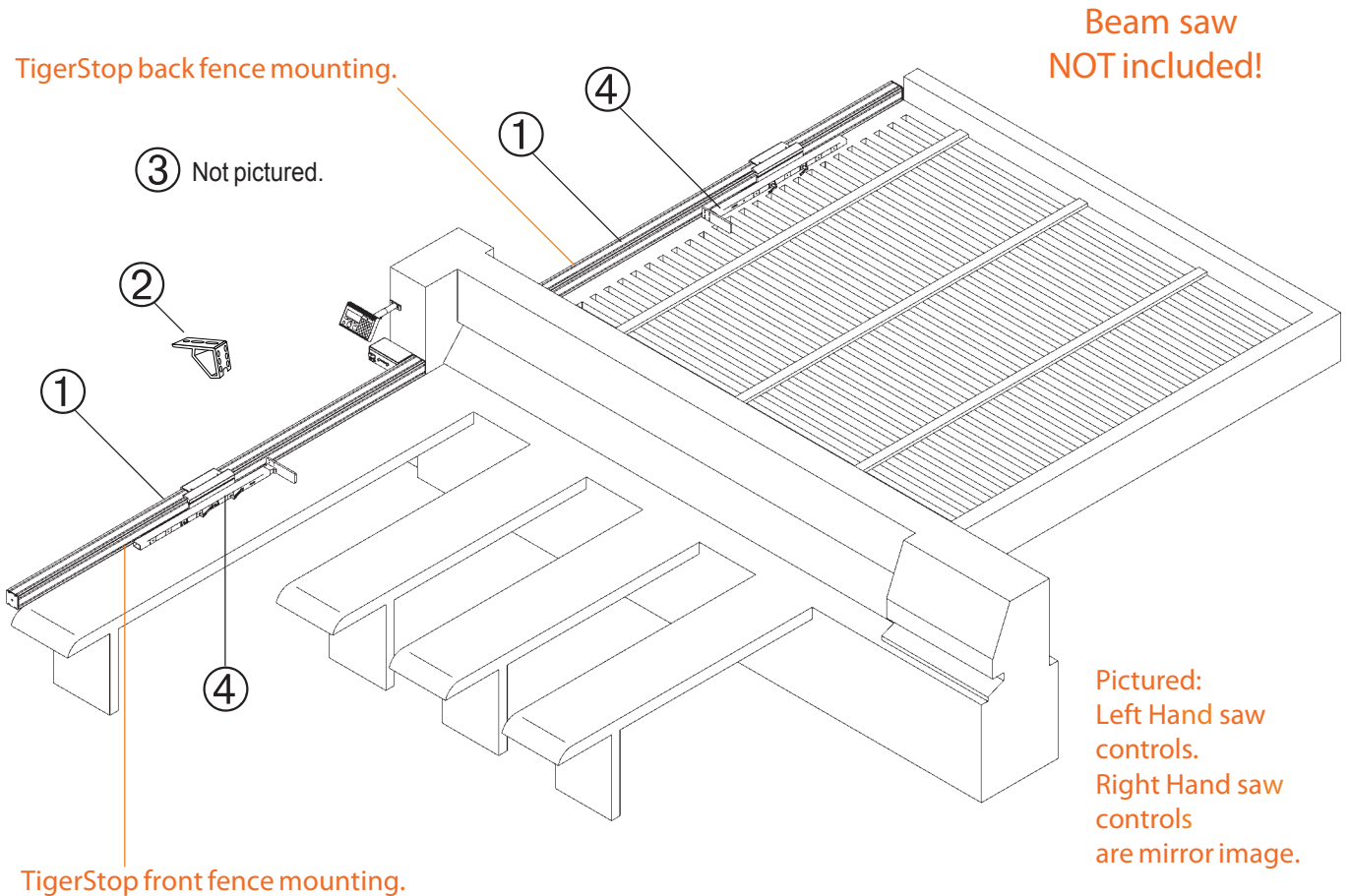
### How to calculate the overall length of a TigerStop system

- 1 Find the TigerStop of the desired length (length shown in the part # is working length) and start your calculation with the overall length shown above. The table under the TigerStop is the same length.
- 2 Measure the overall width of the tool used between the two tables. Add this to the TS overall length.\*
- 3 Find the table of the desired length for the opposite side of the tool. Add this length to the calculation. The sum total will be the end to end overall length of the TigerStop system.



## TigerStop® Beam Saw Stop Setup

*TigerStop can be used with virtually any manual beam saw as a stop mounted on the back or the front side. No feed tables are needed for this simple setup. Some models may require on site modifications.*



### Order List Details

- (1) TigerStop 06, 08 or 10, with internal line filter, control stand, and standard interconnect. — Used as a *stop*. If used on the back side, the existing back fence of the beam saw must be replaced with TigerStop, mounted to the table edge using UBR brackets. If used on the front side, TigerStop is mounted to the table edge using UBR brackets. In both configurations, the TigerStop motor should be next to the beam in which the saw travels.
- (2) TigerStop UBR brackets are used to mount TigerStop to the either side of the saw.
- (3) The 20' control cable runs under the beam saw and is plugged into the controller mounted near the operator controls.
- (4) The gangstop extends the reach of the stop by 9" to 24" and gives a wider surface to butt your parts against.

*TigerStop is always used as a stop in this application, NEVER a pusher!*

### ORDER LIST

Refer to numbers in the drawing.

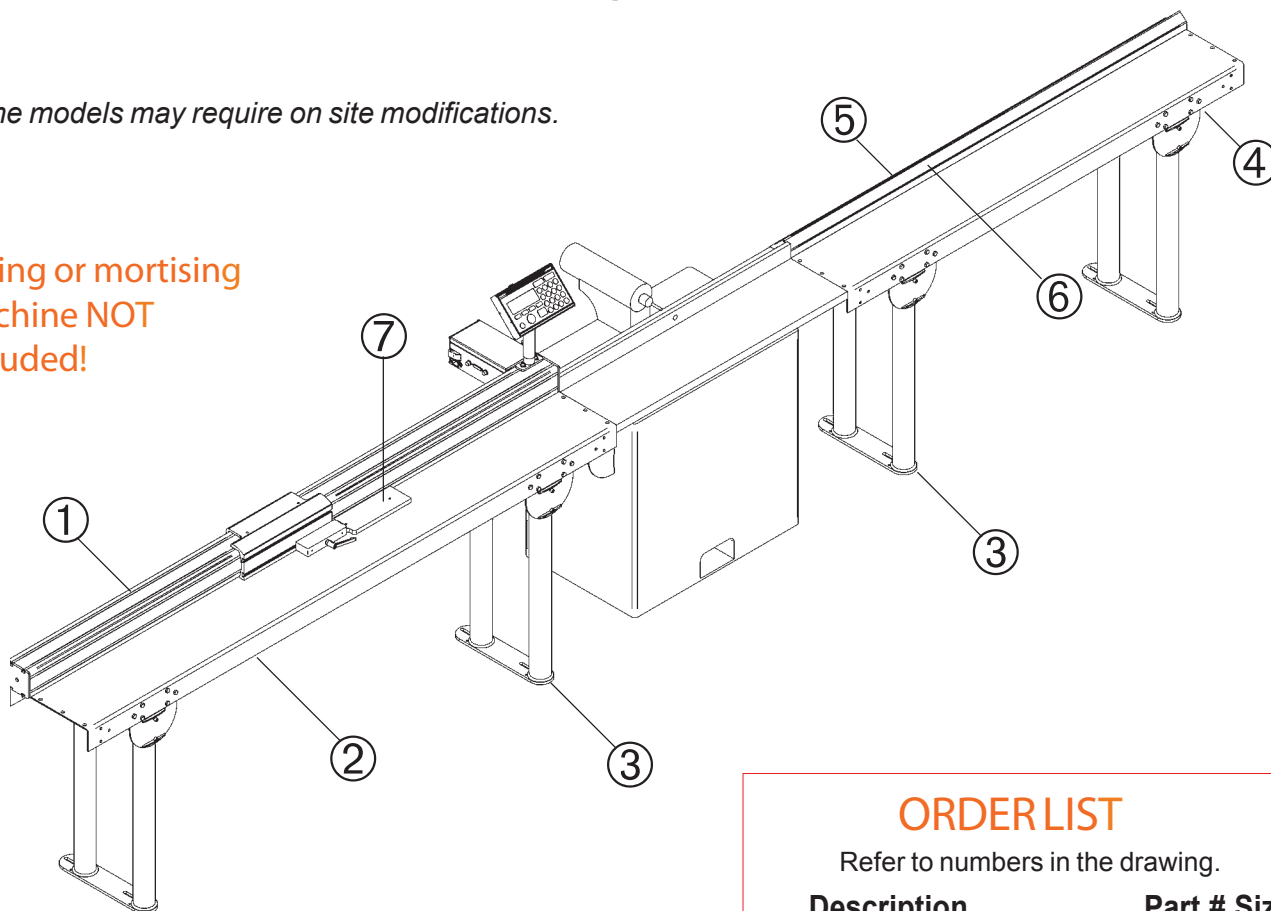
Description	Part #	Size
1 TigerStop	TS	___
2 UBR Brackets (Qty: 4)	UBR	
3 20' Control Cable	CC5-20	
4 Gangstop	GSX	



## TigerStop® Horizontal Boring or Mortising Setup

Some models may require on site modifications.

Boring or mortising machine NOT included!



### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) Extra leg sets are needed to support infeed/outfeed tables when it is not possible to attach them to a free-standing tool.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (7) The pusher foot extends the reach of the stop by 10" to 14".  
Other optional stop attachments are also available, such as the extended pusher foot **PFX**, the gangstop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABNR	___
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABNR	___
5 Back Fence (72" long)	BF	
6 Back Rule (144" long)	BR -LR/-RL	
7 Pusher Foot	PF	

\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR**\_\_\_ for steel rollers and **TABR**\_\_\_-PR for plastic rollers.

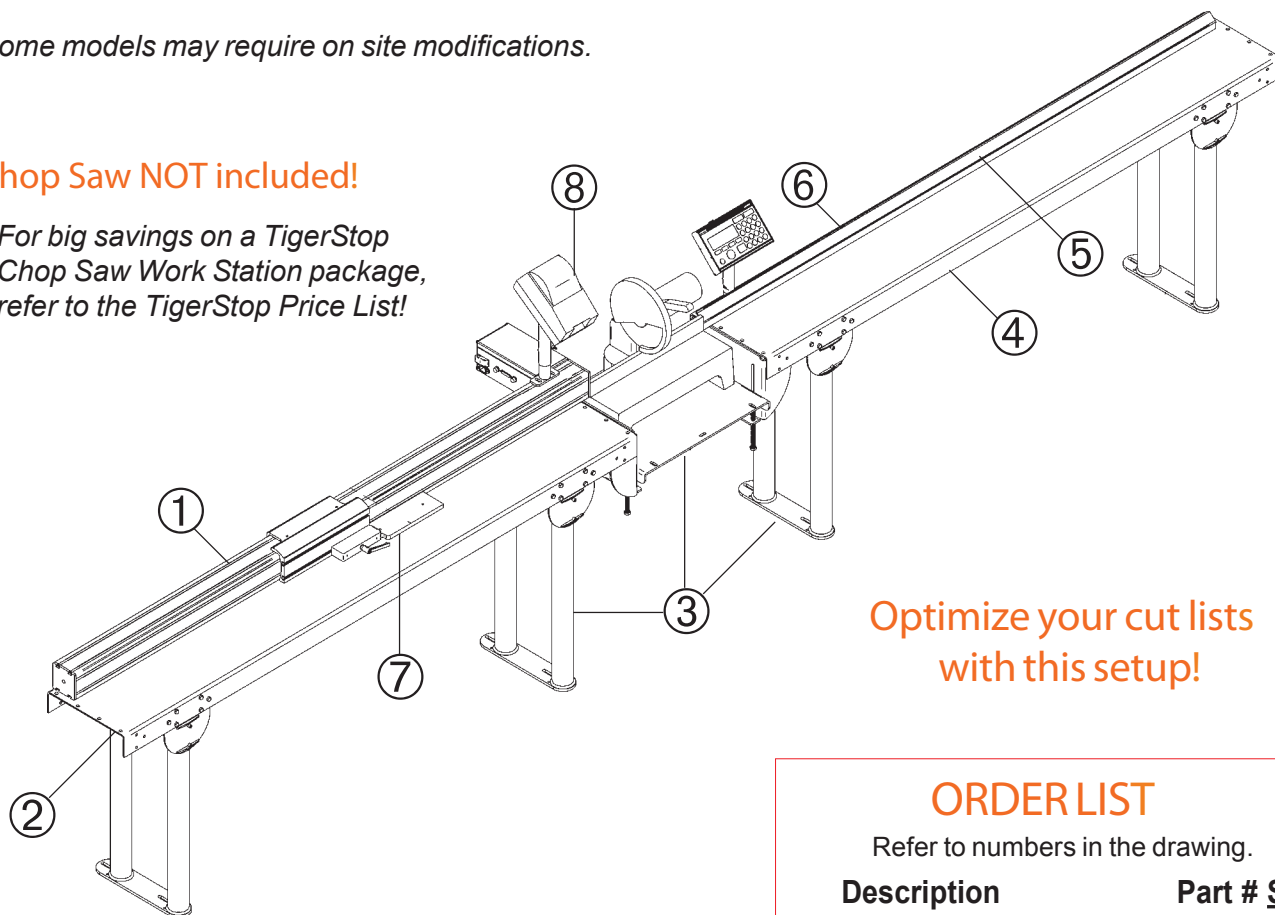


## TigerStop® Chop Saw Setup

*Some models may require on site modifications.*

### Chop Saw NOT included!

*For big savings on a TigerStop Chop Saw Work Station package, refer to the TigerStop Price List!*



Optimize your cut lists  
with this setup!

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) Saw supports come with two leg sets to support adjacent tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (7) The pusher foot extends the reach of the stop by 10" to 14". Other optional stop attachments are also available, such as the extended pusher foot **PFX**, the gangstop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	
2 Infeed/Outfeed Table *	TABNR	
3 Saw Support with 2 leg sets	CSS	
4 Infeed/Outfeed Table *	TABNR	
5 Back Fence (72" long)	BF	
6 Back Rule (144" long)	BR -LR/-RL	
7 Pusher Foot	PF	
8 Label Printer, downloading & optimizing software		
- DNLD, OPT, PR 2/4, ESC, SX, USBA		

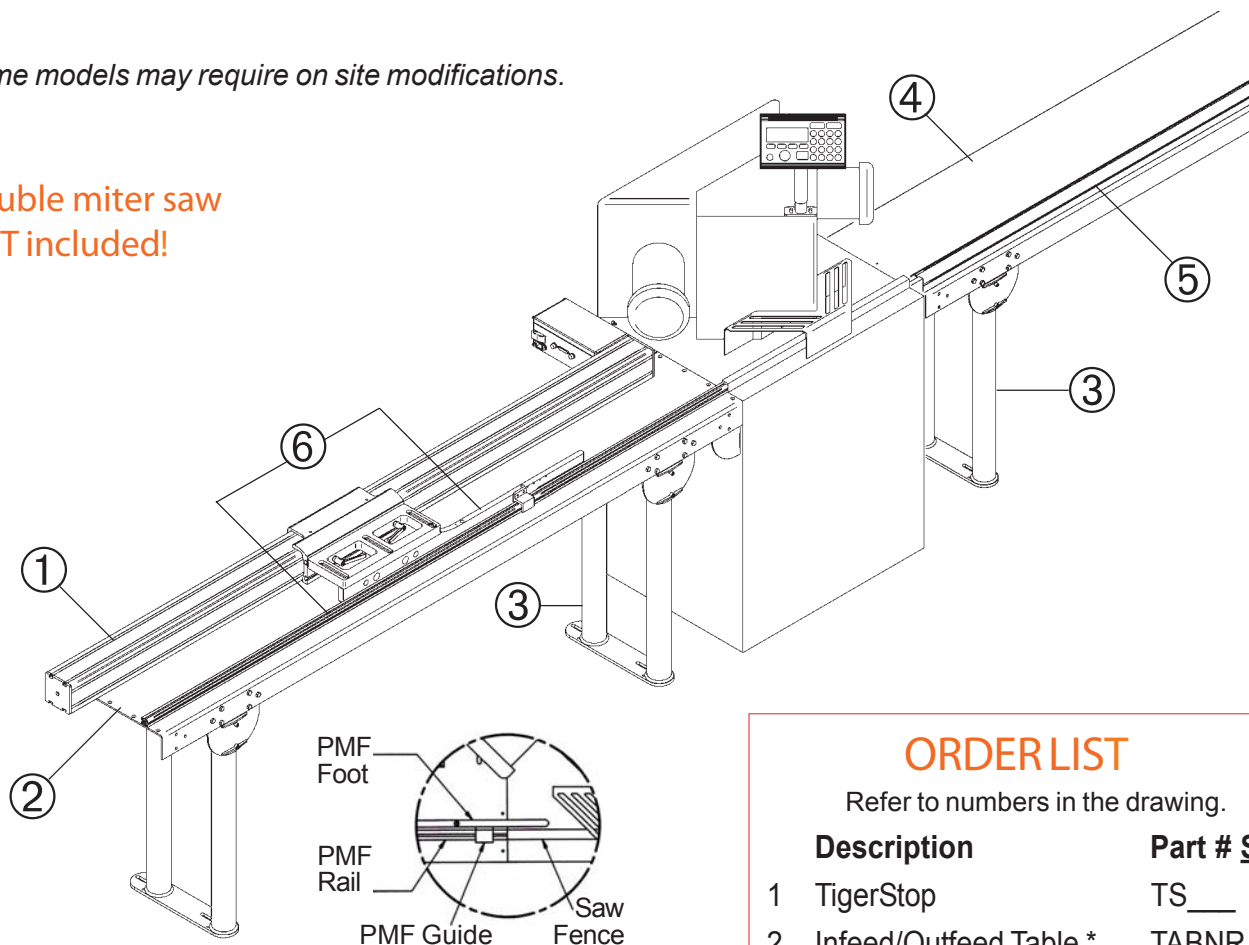
\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR\_\_** for steel rollers and **TABR\_\_-PR** for plastic rollers.



## TigerStop® Double Miter Saw Setup

Some models may require on site modifications.

Double miter saw  
NOT included!



### Order List Details

- (1) TigerStop 06, 08 or 10, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 24 (non-roller) — The feed table under the TigerStop should be the same length as the machine. The feed table on the opposite side of the work station should be long enough to handle your *longest stock length* (used as a *stop*) or your *longest finished pieces* (used as a *pusher*).
- (3) Extra leg sets are needed to support infeed/outfeed tables when it is not possible to attach them to a free-standing tool.
- (5) The back fence in this application is used as a front fence on the infeed table to line up the stock with the front fences on the miter saw and on the TigerStop outfeed table. Aluminum 72" segments.
- (6) The pusher miter is a stop attachment used in this application. Other stop attachments can be added to extend the reach, such as a pusher foot **PF** or miter gauge **MG**.

The pusher miter fence (rail) is an aluminum front fence with a sliding follower (guide) that attaches to the pusher miter to keep it in perfect alignment.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS__	
2 Infeed/Outfeed Table *	TABNR__	
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABNR__	
5 Back Fence (72" long)	BF	
6 Pusher Miter & Fence	PM	

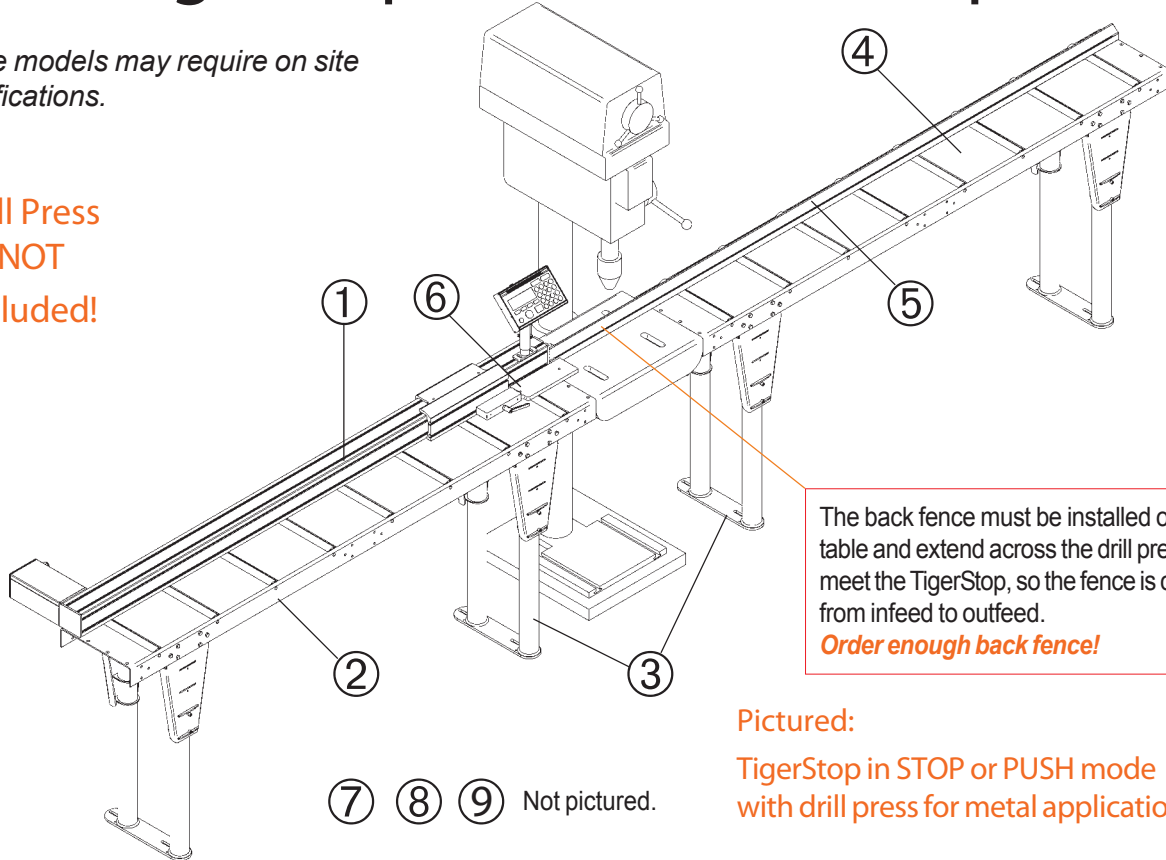
\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR\_\_** for steel rollers and **TABR\_\_-PR** for plastic rollers.



## TigerStop® Drill Press Setup

Some models may require on site modifications.

Drill Press  
NOT  
included!



⑦ ⑧ ⑨ Not pictured.

Pictured:

TigerStop in STOP or PUSH mode  
with drill press for metal applications.

### Metalworking applications only:

- ☐ All feed tables should be assumed free standing with metalworking machines for clearance issues.
- ☐ All machines should be with home end motors (or amplifiers), AWAY from tool.

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (roller).
- (3) Extra leg sets are needed to support tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) The pusher foot extends the reach of the stop by 10" to 14". Other attachments available are the extended pusher foot **PFX**, the gang-stop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.
- (7) A controller cover is recommended in a metal-working environment.
- (8) Optional 20' or 30' long controller cable will be necessary if using TigerStop as a Home End machine, with motor AWAY from the tool.
- (9) Extended IO Cable to connect 9 IOC6-X, SIK / AIK (Size of TS will determine length of extension)

### ORDER LIST

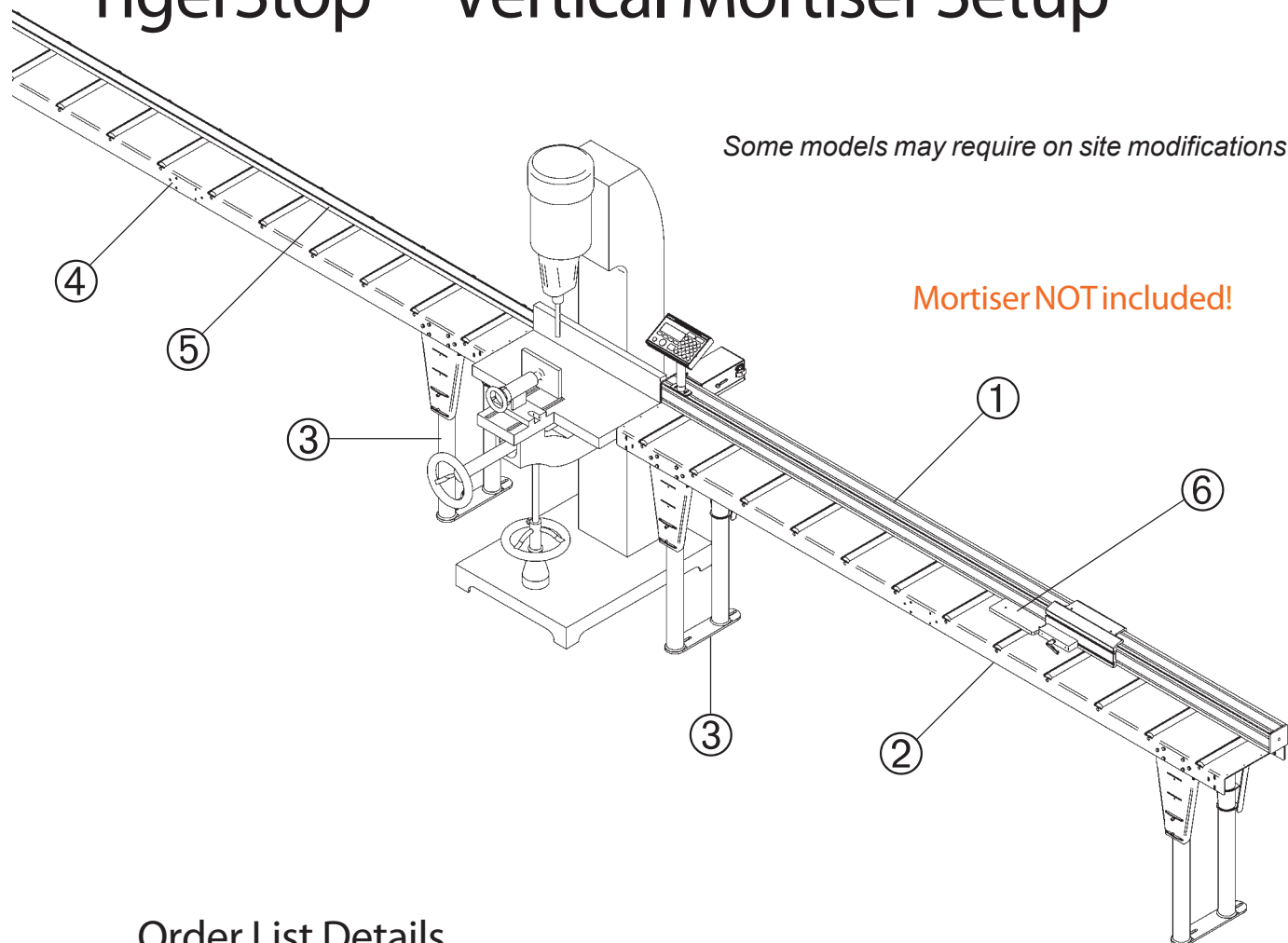
Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	
2 Infeed/Outfeed Table *	TABR	
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABR	
5 Back Fence (72" long)	BF	
6 Pusher Foot	PF	
Optional: For metal applications only		
7 Controller Cover	CON5CVR	
8 20' / 30' Control Cable, CC5-20 -30		

\* Roll-top feed tables are also available with plastic rollers for processing anodized aluminum stock. Part # is **TABR\_\_-PR** for plastic rollers. Non-roller feed tables are also available: **TABNR\_\_**.



## TigerStop® Vertical Mortiser Setup



### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (roller) See option at item (3).
- (3) Extra leg sets are needed to support infeed/outfeed tables. Substitute a saw support (which includes 2 leg sets) for these two leg sets if using a bench mortiser.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) The pusher foot extends the reach of the stop by 10" to 14". Other optional stop attachments are also available, such as the extended pusher foot **PFX**, the gangstop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.

\* Non-roller feed tables are also available, part #: **TABNR10**.  
Other lengths available.

### ORDER LIST

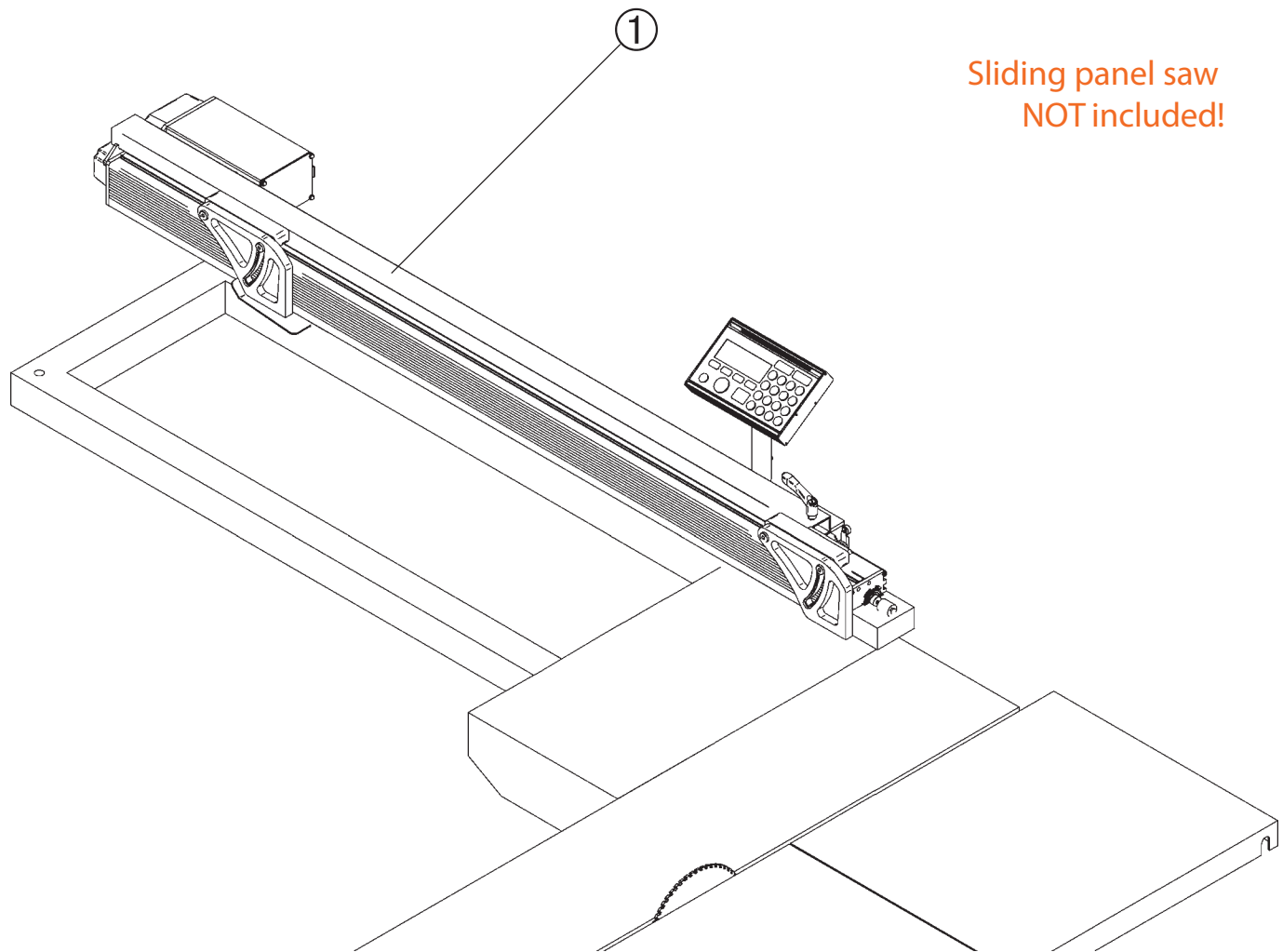
Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	
2 Infeed/Outfeed Table *	TABR	
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABR	
5 Back Fence (72" long)	BF	
6 Pusher Foot	PF	
3 Saw Support with 2 leg sets	CSS	



## TigerXCut® Slider Setup

TigerCrossCut



*Some models may require on site modifications.*

### ORDERLIST

Refer to numbers in the drawing.

Description	Part # Size
1 TigerCrossCut	TCC

### Order List Details

- (1) TigerCrossCut, with internal line filter and control stand. Totally replaces the cross cut gauge on your sliding bed panel saw.



# 11 TigerStop®

fast and accurate...every time

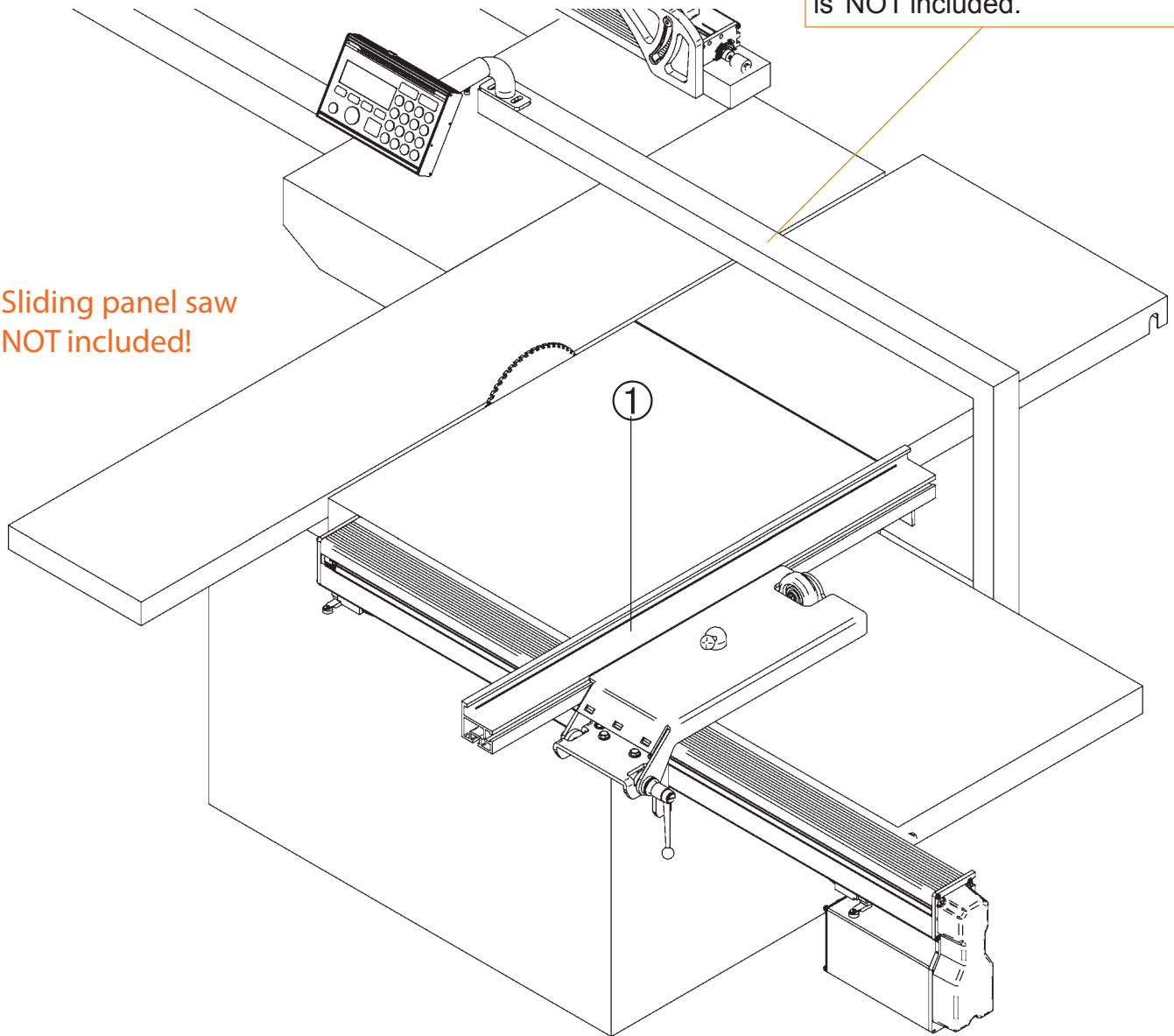
## TigerFence® Slider Setup

fast accurate ... every time

Some models may require on site modifications.

Mounting bar for the controller is NOT included.

Sliding panel saw  
NOT included!



### ORDER LIST

Refer to numbers in the drawing.

Description	Part # Size
1 TigerFence	TF

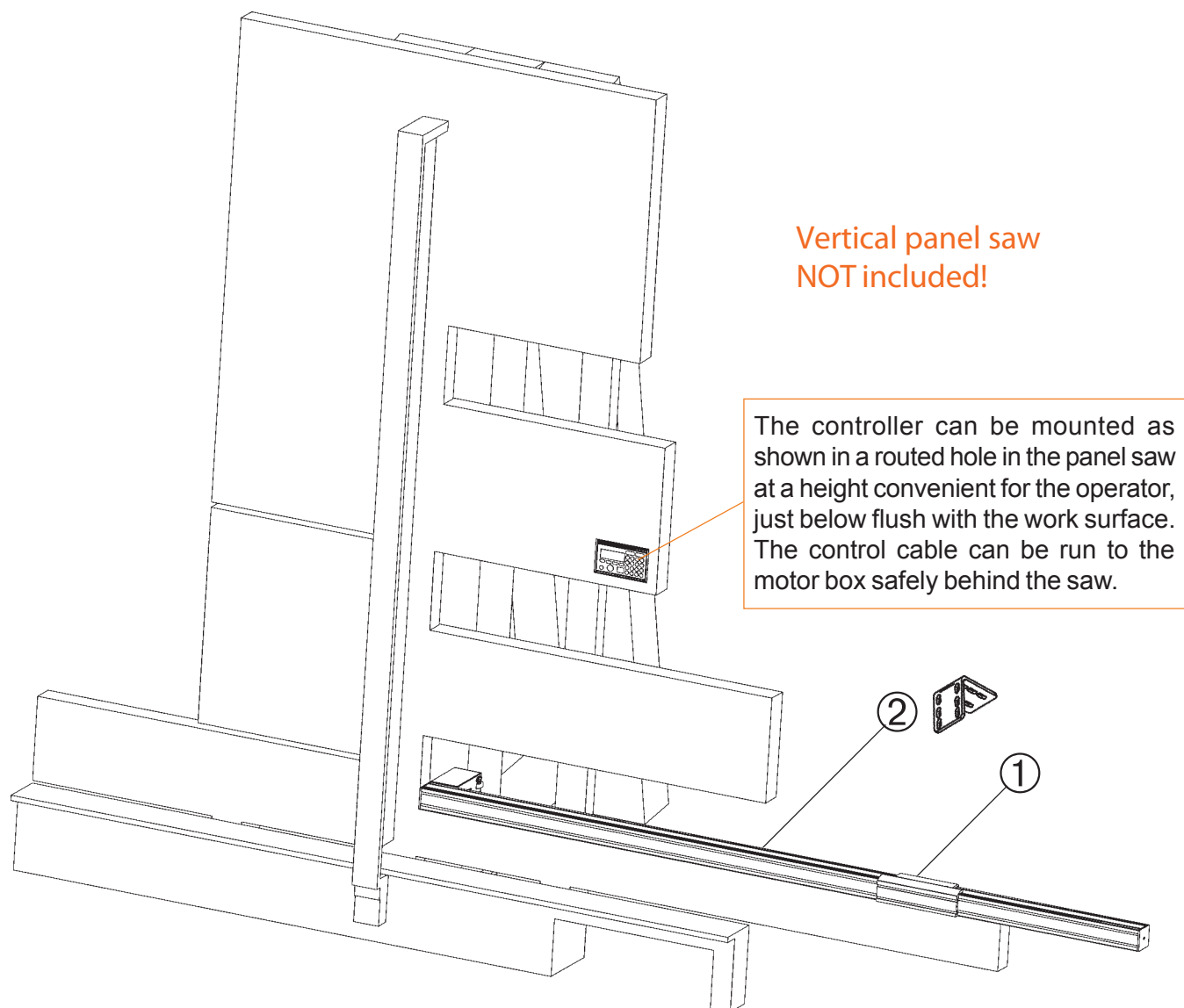
### Order List Details

(1) TigerFence, with internal line filter and control stand. Totally replaces the rip fence and gauge on your sliding bed panel saw.



## TigerStop® Vertical Panel Saw Setup

*Some models may require on site modifications.*



### ORDERLIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Universal Brackets	UBR	

### Order List Details

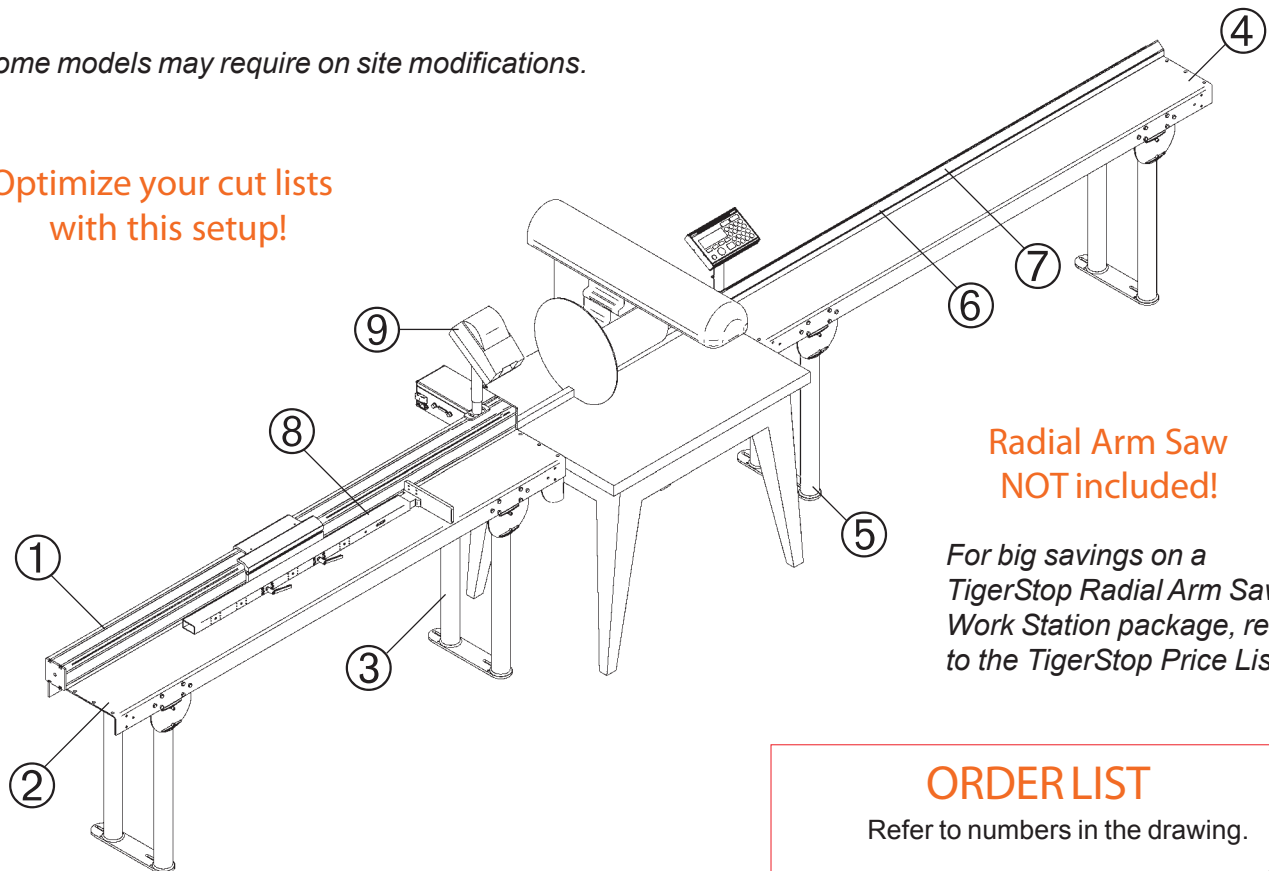
- (1) TigerStop 06, 08 or 10, with internal line filter, control stand, and standard interconnect.
- (2) TigerStop brackets are used to mount TigerStop to the horizontal support member of the panel saw. Use 1 bracket for every 3' of TigerStop OA length.



## TigerStop® Radial Arm Saw Setup

Some models may require on site modifications.

Optimize your cut lists  
with this setup!



Radial Arm Saw  
NOT included!

For big savings on a  
TigerStop Radial Arm Saw  
Work Station package, refer  
to the TigerStop Price List!

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) (5) Two extra leg sets to support tables.
- (6) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (7) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (8) The gangstop extends the reach of the stop by 9" to 24". Other optional stop attachments are also available, such as the pusher foot **PF** and extended pusher foot **PFX**, the miter gauge **MG** and extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABNR	___
3 Extra Leg Set	TABLEG	
4 Infeed/Outfeed Table *	TABNR	___
5 Extra Leg Set	TABLEG	
6 Back Fence (72" long)	BF	
7 Back Rule (144" long)	BR -LR/-RL	
8 Gangstop	GSX	
9 Label Printer, downloading & optimizing software		
- DNLD, OPT, PR 2/4, ESC, SX, USBA		

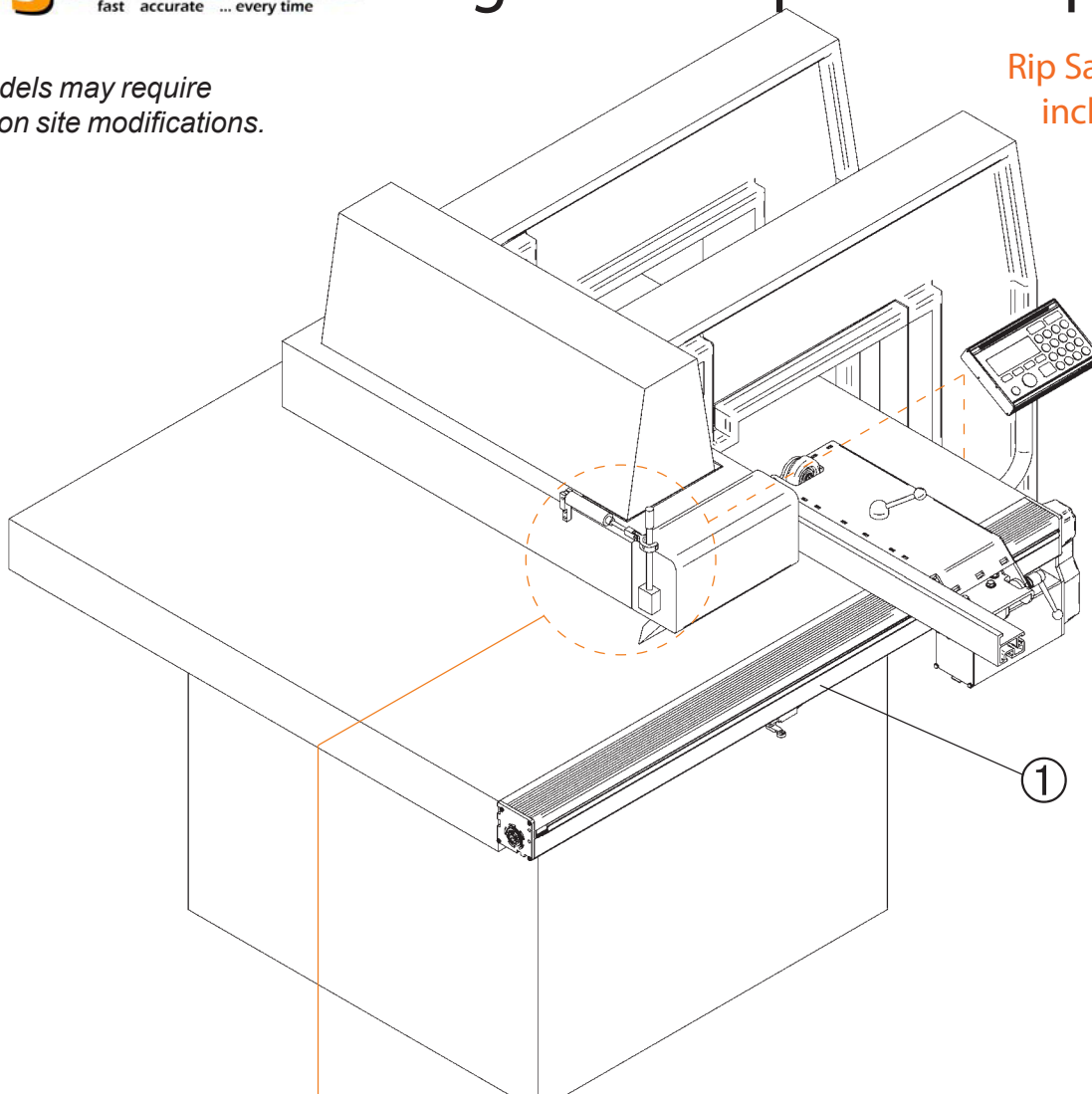
\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR**\_\_\_ for steel rollers and **TABR**\_\_\_-PR for plastic rollers.



## TigerFence® Single Blade Rip Saw Setup

All models may require  
some on site modifications.

Rip Saw NOT  
included!



### Pneumatic control of anti-kickback lever

The user can control the lever raising and lowering the anti-kickback device by mounting a pneumatic cylinder and shackle to the lever. The air supply must run through a solenoid valve IKS2 (item 2) plugged into the TigerFence I/O port, using an IOC6 (item 3).

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #
1 TigerFence	TF-SLR
Optional, if using a pneumatic control.	
2 Solenoid Valve	IKSV2
3 I/O Cable	IOC6

### Order List Details

(1) TigerFence, custom-length. — Order a custom length as described below.

#### How to order a custom length TigerFence

Use the overall *width* of your rip saw table as the overall *length* of the TigerFence. The TigerFence *working length* equals the *throat depth* of your rip saw (usually 12") and will be set by positioning the TigerFence limit switches appropriately.

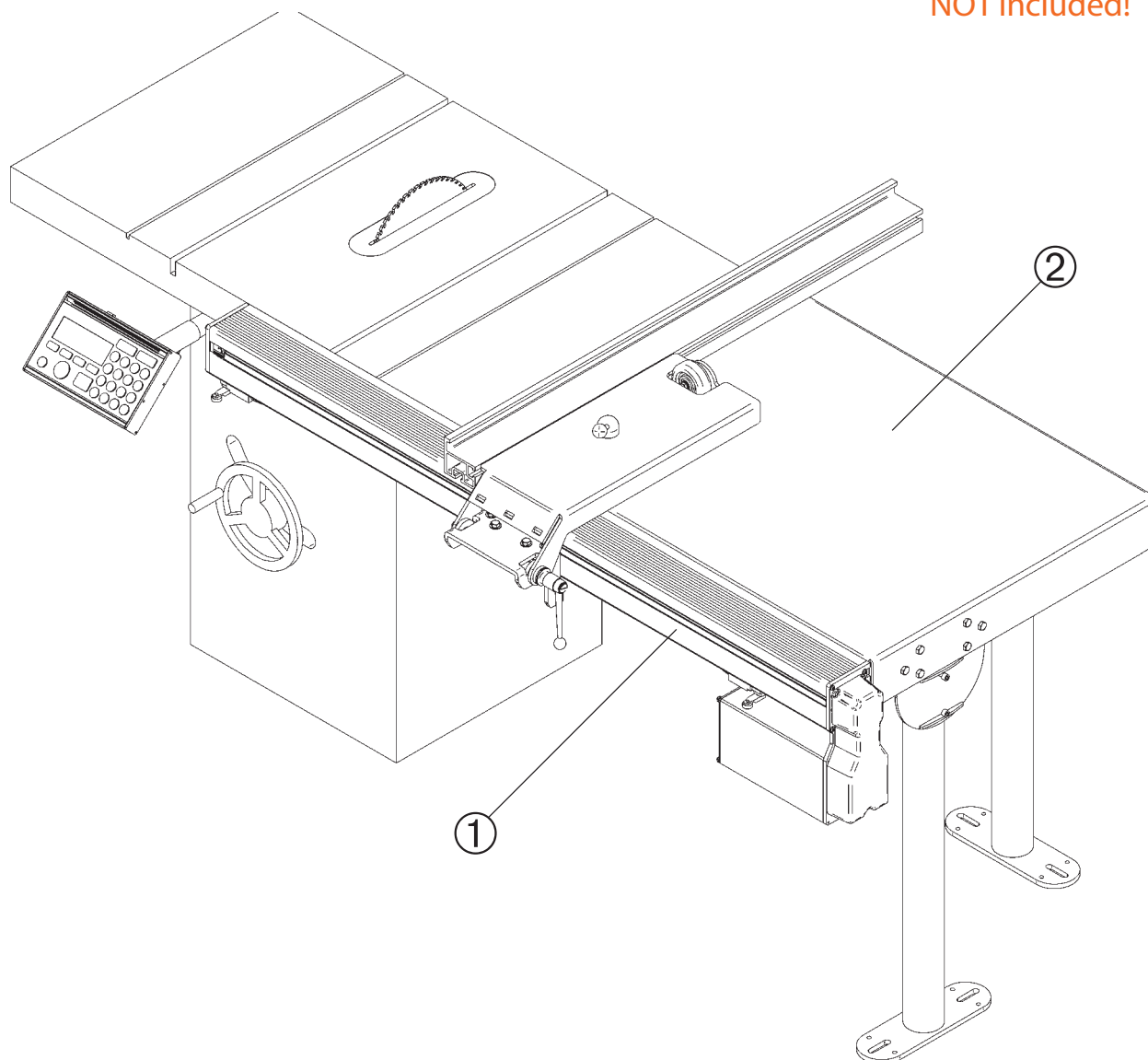


## TigerFence<sup>®</sup> Table Saw Setup

fast accurate ... every time

All models may require  
some on site modifications.

Table Saw  
NOT included!



### Order List Details

- (1) TigerFence. — Order a standard length TigerFence.
- (2) The side table adds extra width to the existing saw table and provides additional anchoring for TigerFence.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #
1 TigerFence	TF
2 Table Saw Side Table	TABP

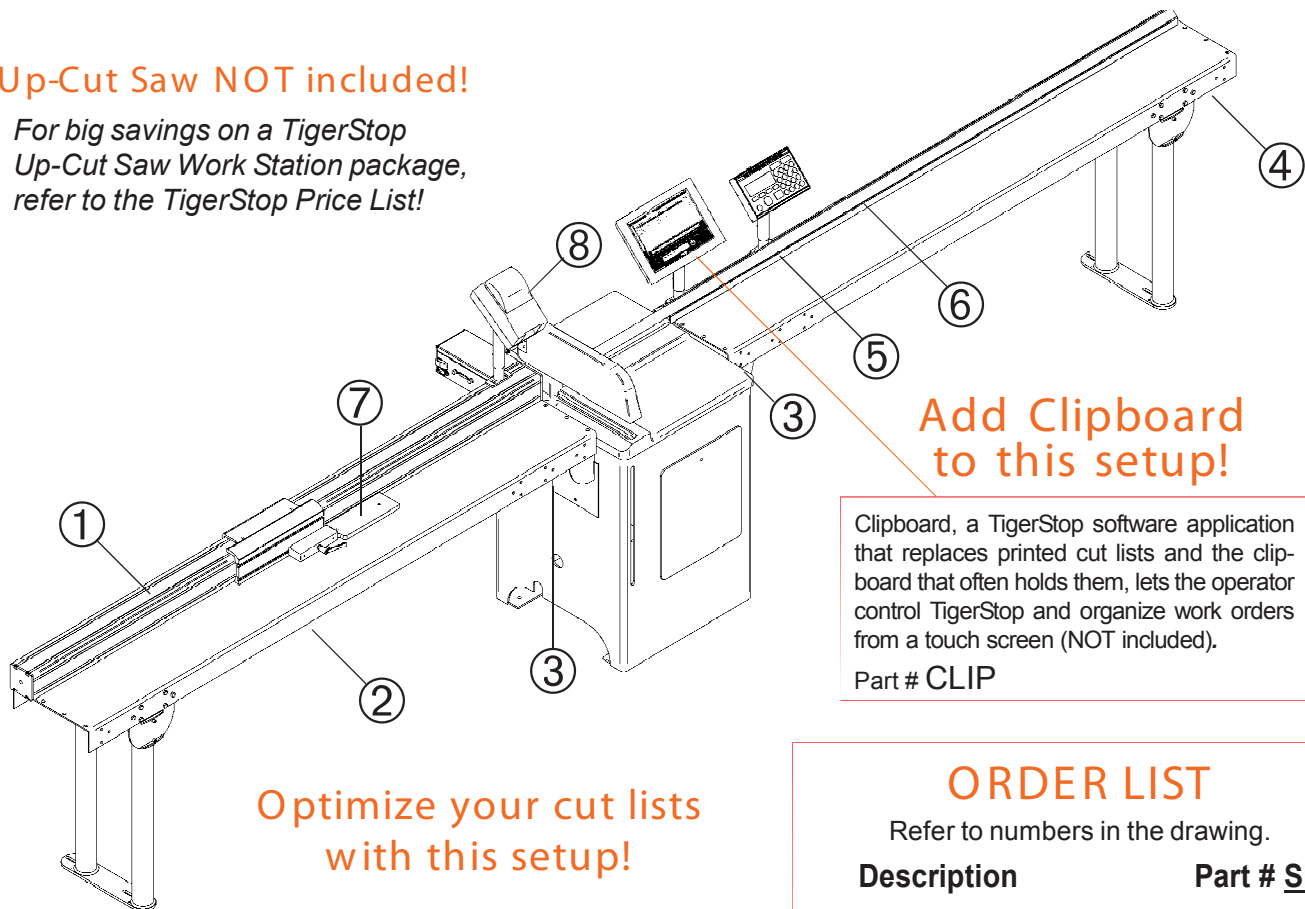


## TigerStop® Up-Cut Saw Setup

Some models may require on site modifications.

### Up-Cut Saw NOT included!

For big savings on a TigerStop Up-Cut Saw Work Station package, refer to the TigerStop Price List!



Add Clipboard to this setup!

Clipboard, a TigerStop software application that replaces printed cut lists and the clipboard that often holds them, lets the operator control TigerStop and organize work orders from a touch screen (NOT included).

Part # CLIP

Optimize your cut lists with this setup!

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) Saw attachment plates attach feed tables to free-standing tools.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (7) The pusher foot extends the reach of the stop by 10" to 14". Other optional stop attachments are also available, such as the extended pusher foot **PFX**, the gangstop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABNR	___
3 Saw Attachment Plates	SAP (Qty: 2)	___
4 Infeed/Outfeed Table *	TABNR	___
5 Back Fence (72" long)	BF	___
6 Back Rule (144" long)	BR-LR/RL	___
7 Pusher Foot	PF	___
8 Label Printer, downloading & optimizing software		___
- DNLD, OPT, PR 2/4, ESC, SX, USBA		

\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR**\_\_\_ for steel rollers and **TABR**\_\_\_-PR for plastic rollers.

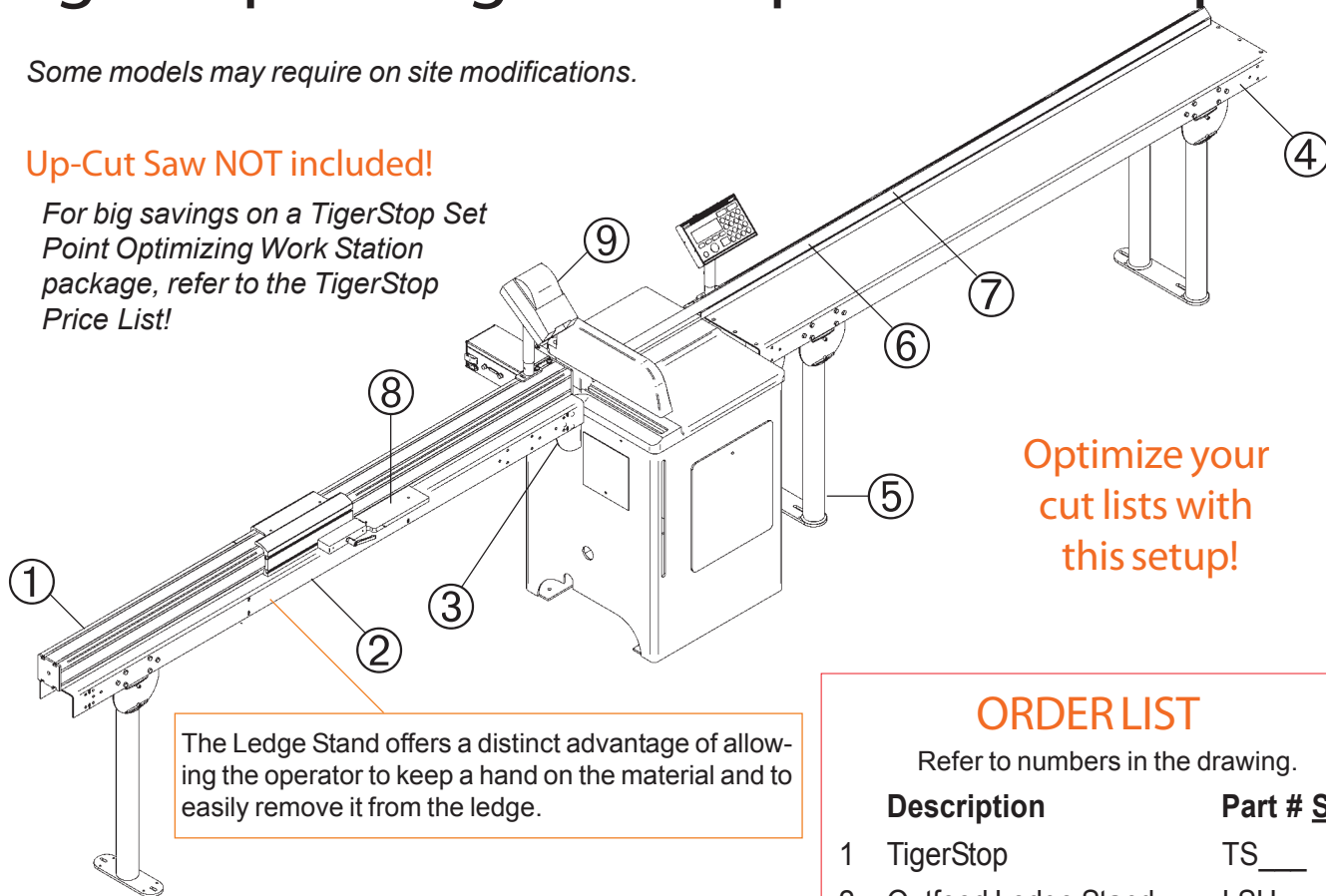


## TigerStop® Ledge Stand Up-Cut Saw Setup

Some models may require on site modifications.

### Up-Cut Saw NOT included!

For big savings on a TigerStop Set Point Optimizing Work Station package, refer to the TigerStop Price List!



The Ledge Stand offers a distinct advantage of allowing the operator to keep a hand on the material and to easily remove it from the ledge.

Optimize your cut lists with this setup!

### Order List Details

- (1) TigerStop 06, 08 or 10, with internal line filter, control stand, and standard interconnect. — Order a TigerStop long enough to cut your *longest finished length*, up to 120" (Tiger10).
- (2) Outfeed ledge stand (96" long) — Tiger06 fits the ledge stand exactly. Tiger08 hangs over 2', Tiger10 hangs over 4'.  
**Make sure you have enough room, and that the overhang of the longer machines will not be hazardous.**
- (3) Saw attachment plate is used to attach the ledge stand to the saw.
- (4) Infeed table 06 through 30 (non-roller) — Order an infeed table long enough to handle your *longest stock length*.
- (5) Extra leg set is needed to make a free-standing table.
- (6) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (7) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (8) The pusher foot extends the reach of the stop by 10" to 14". Other optional stop attachments are also available, such as the extended pusher foot **PFX**, the gangstop **GSX**, the miter gauge **MG** and extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS___	
2 Outfeed Ledge Stand	LSU	
3 Saw Attachment Plate	SAP	
4 Infeed Table *	TABNR___	
5 Extra Leg Set	TABLEG	
6 Back Fence (72" long)	BF	
7 Back Rule (144" long)	BR-LR/-RL	
8 Pusher Foot	PF	
9 Label Printer, downloading & optimizing software		
- DNLD, OPT, PR 2/4, ESC, SX, USBA		

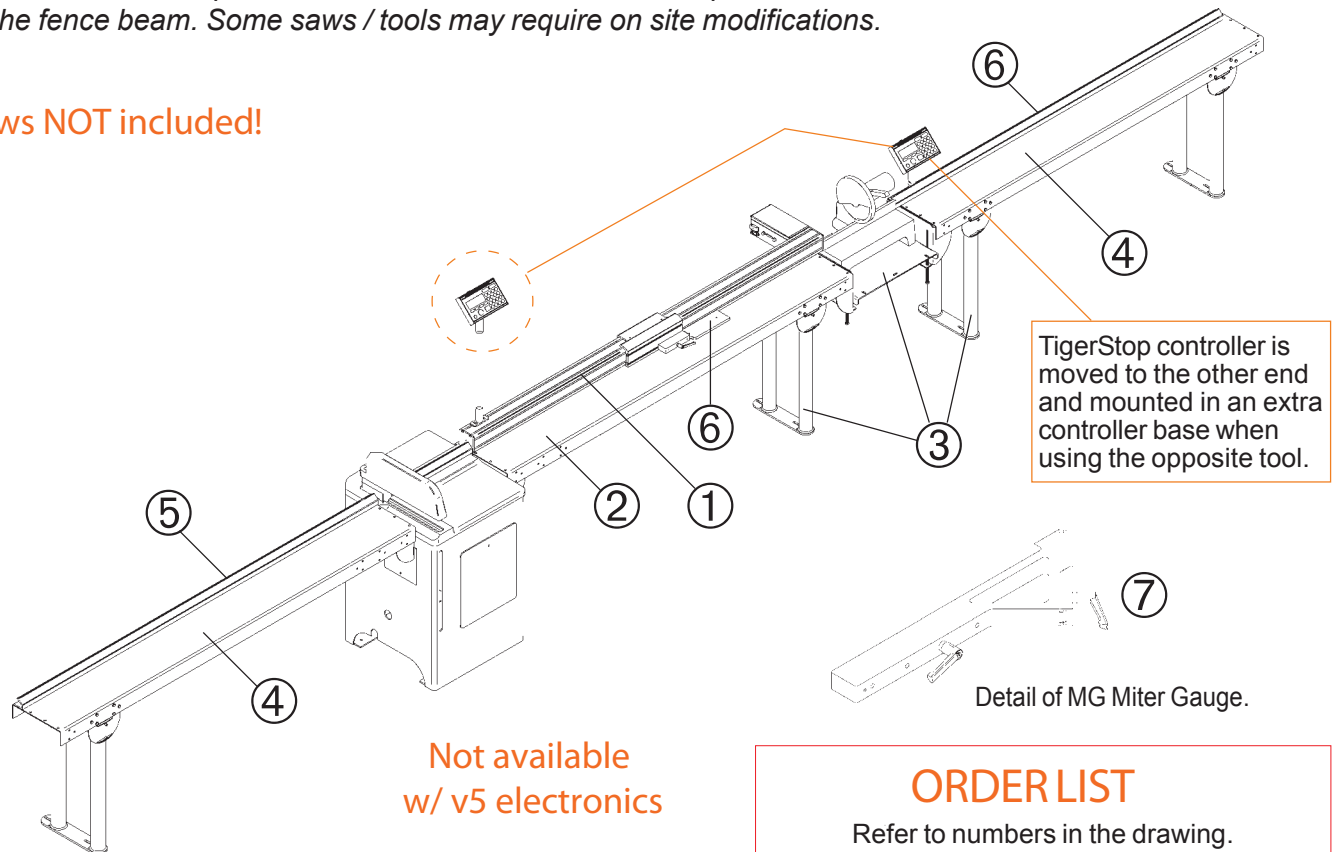
\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR\_\_\_** for steel rollers and **TABR\_\_\_-PR** for plastic rollers.



## TigerStop® Double Ended Setup

*TigerStop can be used between two pieces of equipment when ordered with the Double Ended option that lets the user calibrate the stop from either end of the fence beam. Some saws / tools may require on site modifications.*

**Saws NOT included!**



### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) Saw supports come with two leg sets to support adjacent tables.
- (5) The back fences keep material from falling off the infeed tables. Aluminum 72" segments.
- (6) The pusher foot extends the reach of the stop by 10" to 14". Other optional stop attachments are also available, such as the extended pusher foot **PFX** and the gangstop **GSX**.
- (7) The miter gauge (see detail, above) extends the reach of the stop by 2" to 19". Other optional stop attachments are also available, such as the extended miter gauge **MGX**.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Outfeed Table *	TABNR	___
3 Saw Support with 2 leg sets	CSS	
4 Infeed Tables * (Qty:2)	TABNR	___
5 Back Fence (72" long)	BF	
6 Pusher Foot	PF	
7 Miter Gauge	MG	
8 Double Ended	TDE	

\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR**\_\_\_ for steel rollers and **TABR**\_\_\_-PR for plastic rollers.

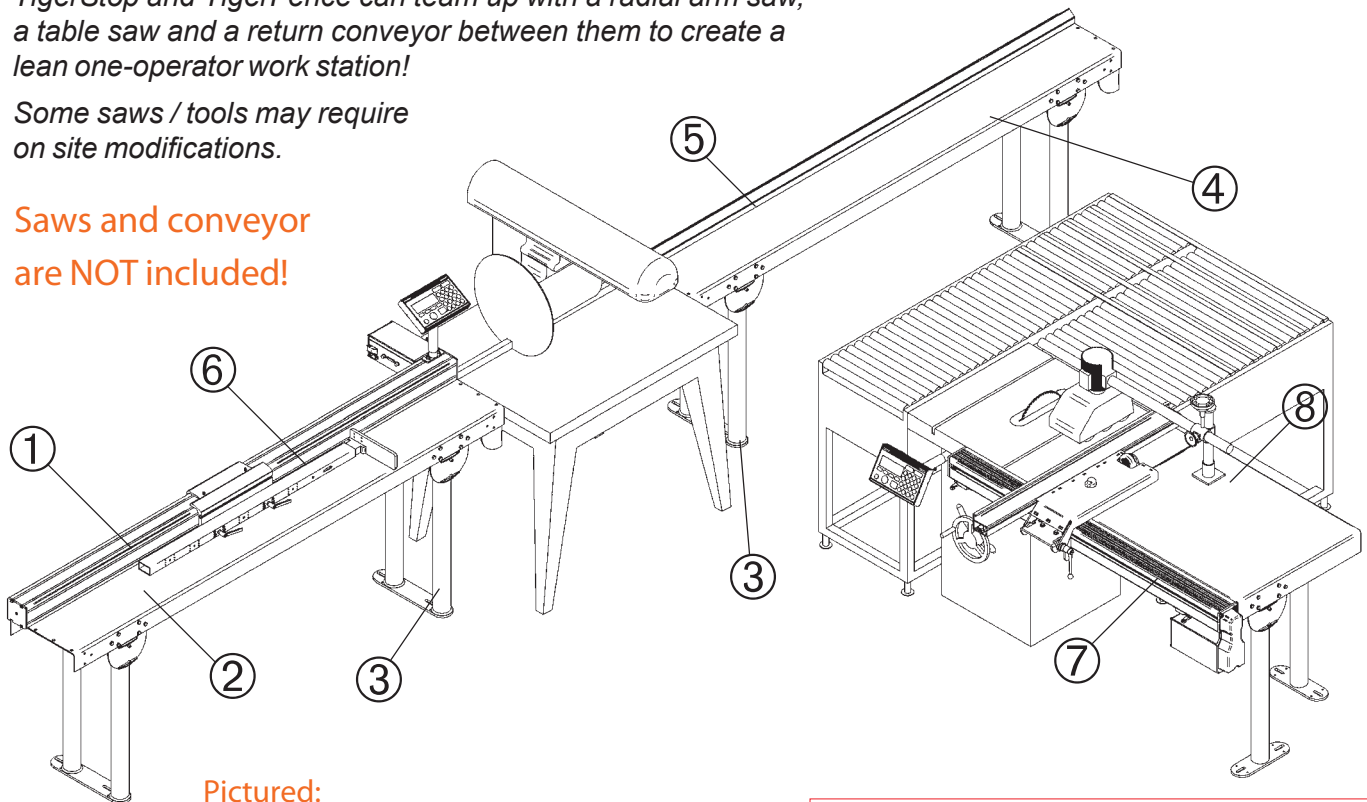


## TigerStop® & TigerFence® Return Conveyor Setup

*TigerStop and TigerFence can team up with a radial arm saw, a table saw and a return conveyor between them to create a lean one-operator work station!*

*Some saws / tools may require on site modifications.*

**Saws and conveyor are NOT included!**



**Pictured:**  
TigerStop in STOP mode  
with radial arm saw.

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (non-roller).
- (3) Extra leg sets to support tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) The gangstop extends the reach of the stop by 9" to 24". Other optional stop attachments are also available, such as the pusher foot **PF** and extended pusher foot **PFX**, the miter gauge **MG** and extended miter gauge **MGX**.
- (7) TigerFence — Order a standard length TigerFence.
- (8) The side table adds extra width to the existing saw table and provides additional anchoring for TigerFence. *Depending on the make and model of table saw, this item may not be necessary.*

### ORDER LIST

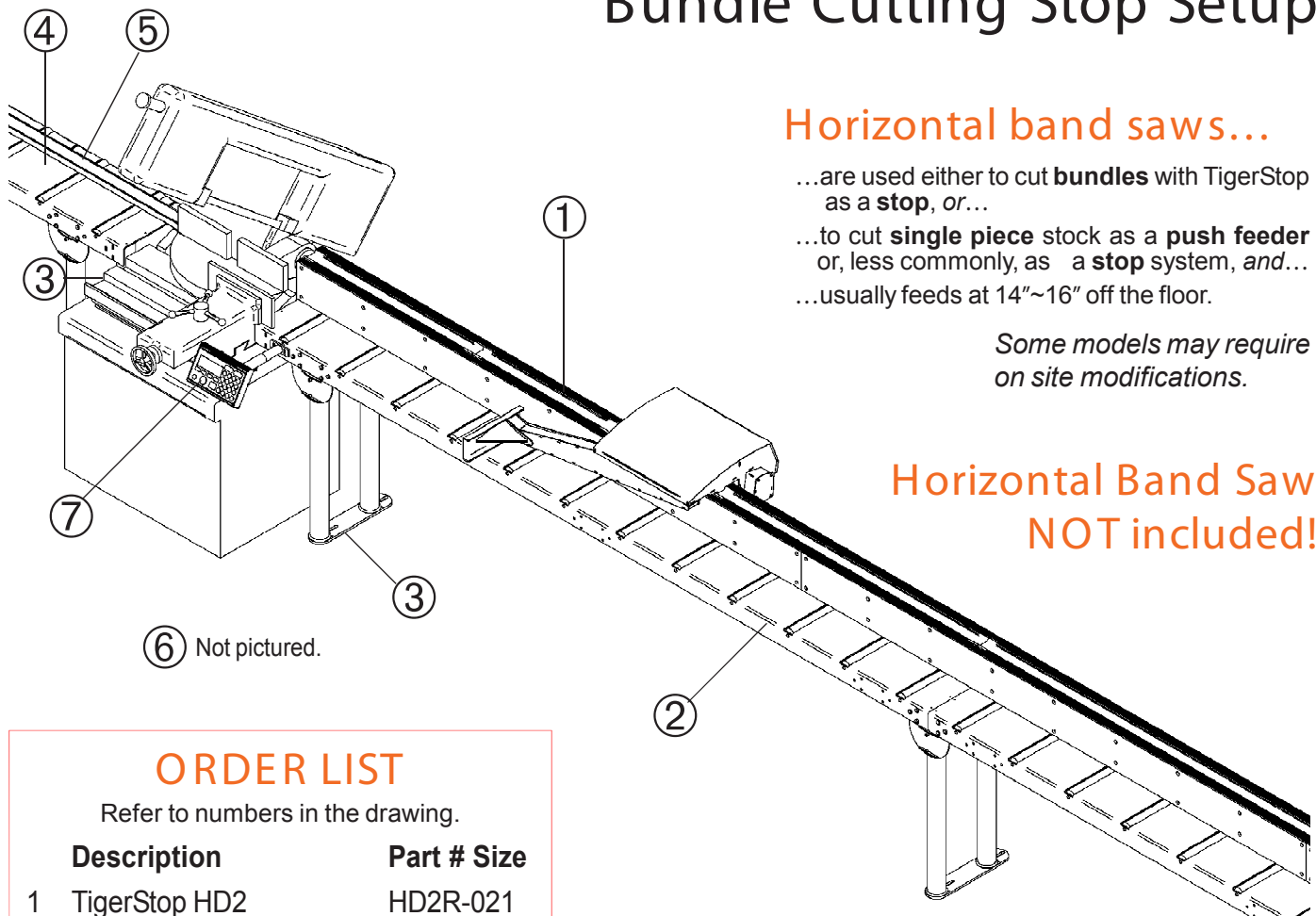
Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABNR	___
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABNR	___
5 Back Fence (72" long)	BF	
6 Gangstop	GSX	
7 TigerFence	TF	
8 Table Saw Side Table	TABP	

\* Roll-top feed tables are also available with metal or plastic rollers on 12" centers for processing heavy materials. Part # is **TABR**\_\_\_ for steel rollers and **TABR**\_\_\_-PR for plastic rollers.



## TigerStop® HD2 Horizontal Band Saw Bundle Cutting Stop Setup



### Horizontal band saws...

...are used either to cut **bundles** with TigerStop as a **stop**, or...  
...to cut **single piece** stock as a **push feeder** or, less commonly, as a **stop** system, and...  
...usually feeds at 14"~16" off the floor.

*Some models may require on site modifications.*

**Horizontal Band Saw  
NOT included!**

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop HD2	HD2R-021	
2 Infeed/Outfeed Table	TABR22	
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table	TABR22	
5 Back Fence (72" long)	BF (Qty: 4)	
6 20' / 30' Control Cable	CC5-20, -30	
7 Controller Cover	CON5CVR	

All feed tables should be assumed free standing with metalworking machines for clearance issues.  
All machines should be with home end motors (or amplifiers), AWAY from tool.

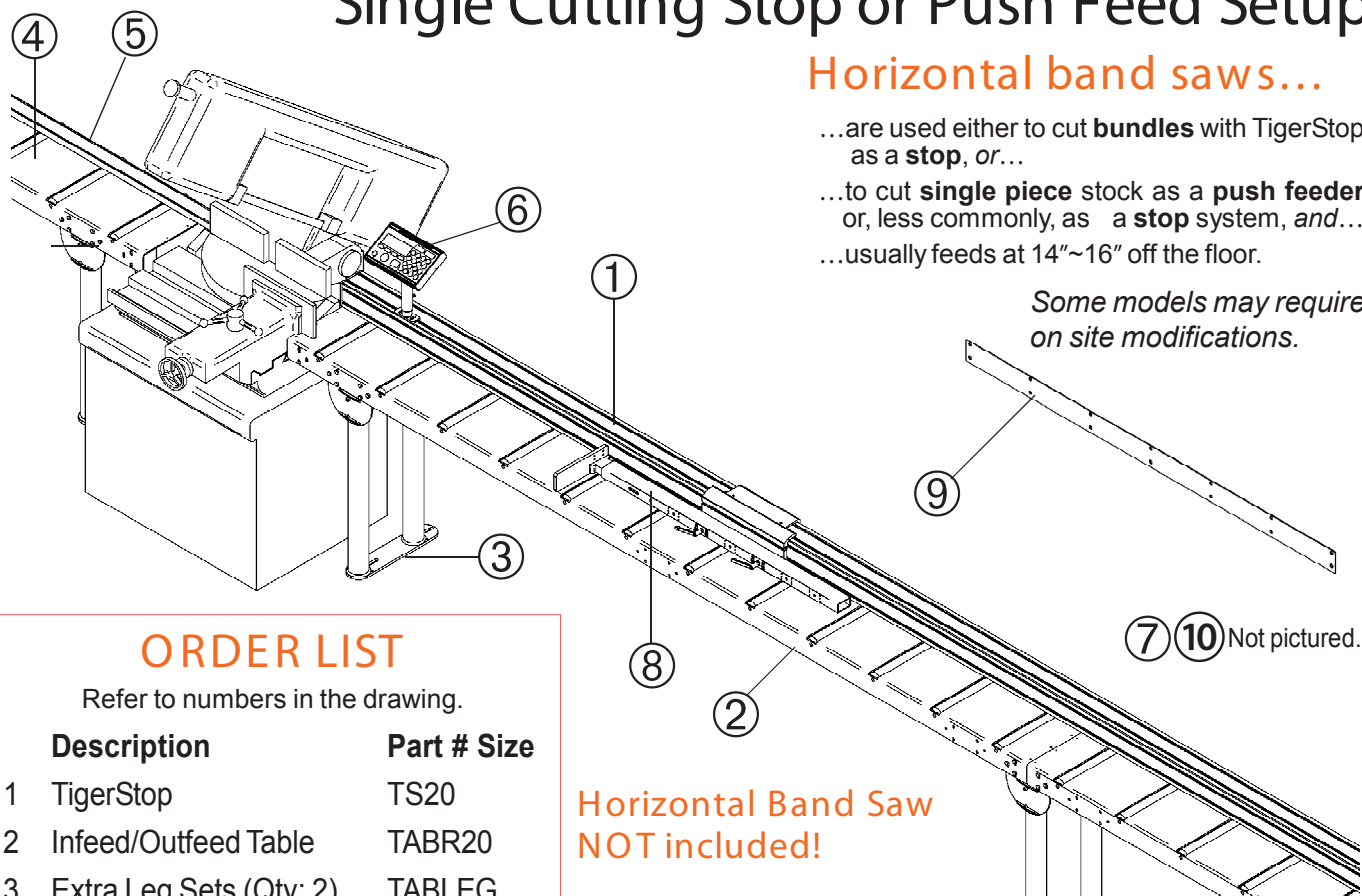
### Order List Details

- (1) Heavy Duty<sup>2</sup> 21, overall length 24', with internal line filter, control stand, standard interconnect (SIK) and pusher arm. — Select the gear box ratio that matches the material weight you need to push. (See max loads in Order List).
- (2) (4) Infeed/outfeed tables (roller top) — The leg stands may require on site height adjustment. Cut them down to feed height.
- (3) Extra leg sets are needed to support infeed/outfeed tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments. Four pieces are needed.
- (6) A 20' or 30' long controller cable is necessary.
- (7) A controller cover is recommended in a metal-working environment.

Horizontal band saws should not be set up with an AIK (Advanced Interconnect & Safety Kit) because the cycle time of the tool is too slow. Consult TigerStop for additional details.



## TigerStop® Horizontal Band Saw Single Cutting Stop or Push Feed Setup



### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS20	
2 Infeed/Outfeed Table	TABR20	
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table	TABR20	
5 Back Fence (72" long)	BF (Qty: 4)	
6 20' / 30' Control Cable	CCS-20, -30	
7 Controller Cover	CONSCVR	
8 Gangstop	GSX	
<i>Optional: For ferrous materials only</i>		
9 Face Plates FP06 (Qty: 3), FP04 (Qty:1)		
<i>Optional: For anodized alum stock</i>		
10 Plastic Rollers	PR (Qty: 44)	

- " #All feed tables should be assumed free standing with metalworking machines for clearance issues.
- " #All machines should be with home end motors (or amplifiers), AWAY from tool.

Horizontal Band Saw  
NOT included!

### Order List Details

- (1) TigerStop 20 (overall 22' long), with internal line filter, control stand, and standard interconnect. — Other lengths available.
- (2) (4) Infeed/outfeed tables (roller top) — The leg stands may require on site height adjustment. Cut them down to feed height.
- (3) Extra leg sets are needed to support infeed/outfeed tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments. Four pieces are needed.
- (6) A 20' or 30' long controller cable is necessary.
- (7) A controller cover is recommended in a metal-working environment.
- (8) The gangstop extends the reach of the stop by 9" to 24". Other optional stop attachments are also available, such as the pusher foot **PF** and extended pusher foot **PFX**.
- (9) If processing ferrous materials, protective face plates are recommended to clad the working side of the TigerStop aluminum beam.
- (10) If processing anodized aluminum stock, non-marking plastic rollers for the tables are recommended.

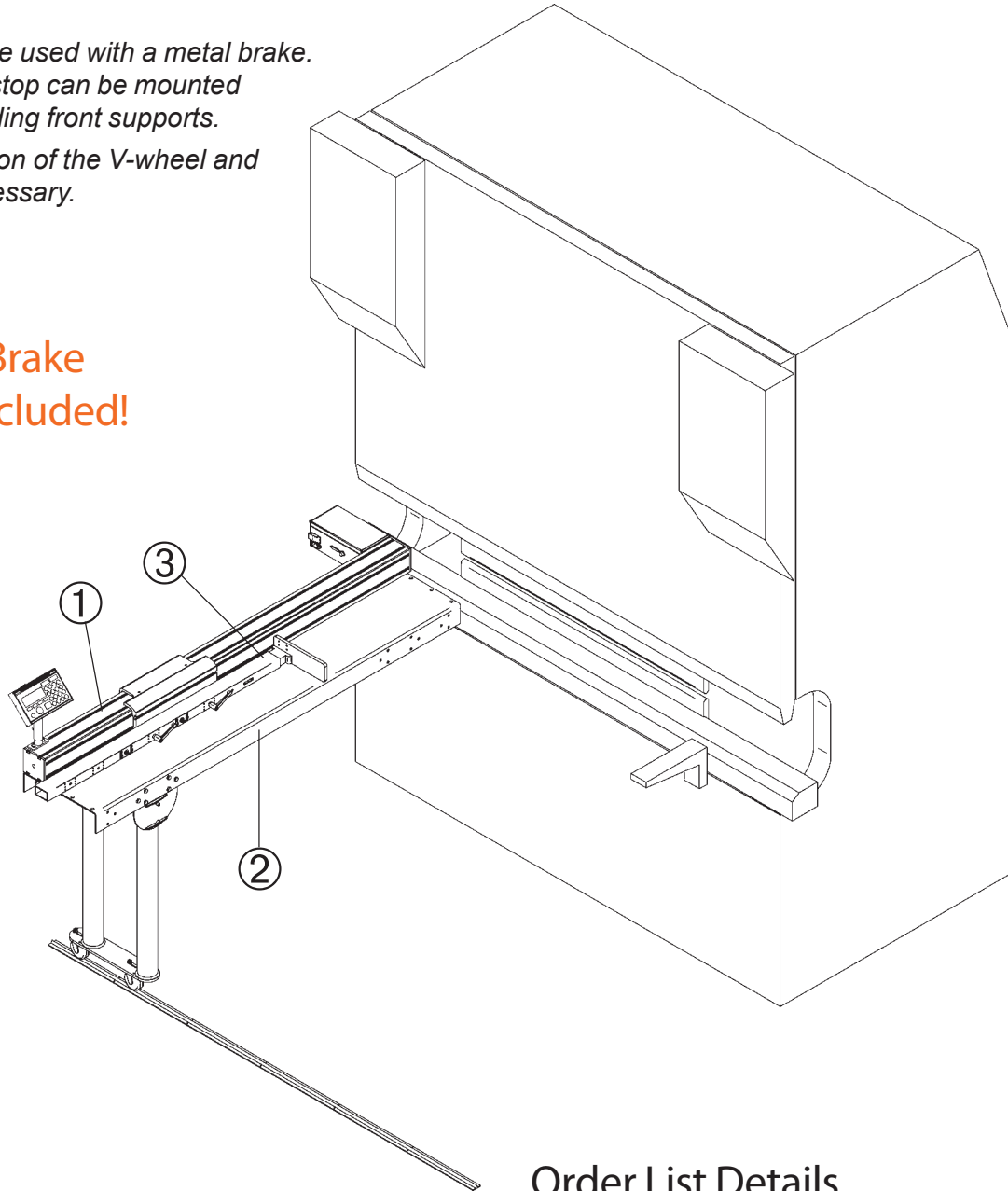
" #Horizontal band saws should not be set up with an AIK (Advanced Interconnect & Safety Kit) because the cycle time of the tool is too slow. Consult TigerStop for additional details.



## TigerStop® Metal Brake Stop Setup

*TigerStop can be used with a metal brake.  
TigerStop as a stop can be mounted  
to one of the sliding front supports.  
On site fabrication of the V-wheel and  
track rail is necessary.*

**Metal Brake  
NOT included!**



### Order List Details

#### ORDER LIST

Refer to numbers in the drawing.

	Description	Part # Size
1	TigerStop	TS04
2	Infeed/Outfeed Table	TABNR04
3	Gangstop	GSX

- (1) TigerStop 04 (overall 6' long), with internal line filter, control stand, and standard interconnect. — Used as a *stop*, mounted to the feed table with motor end closest to brake.
- (2) Infeed/outfeed table 04 (non-roller) — The feed table under the TigerStop is attached to the sliding horizontal material support of the metal brake at a right angle to the brake. The leg set of the table is modified by the addition of V-wheels to the underside of the base, which ride on a rail bolted to the floor.
- (3) The gangstop extends the reach of the stop by 9" to 24" and is used as a squaring jig for the stock.

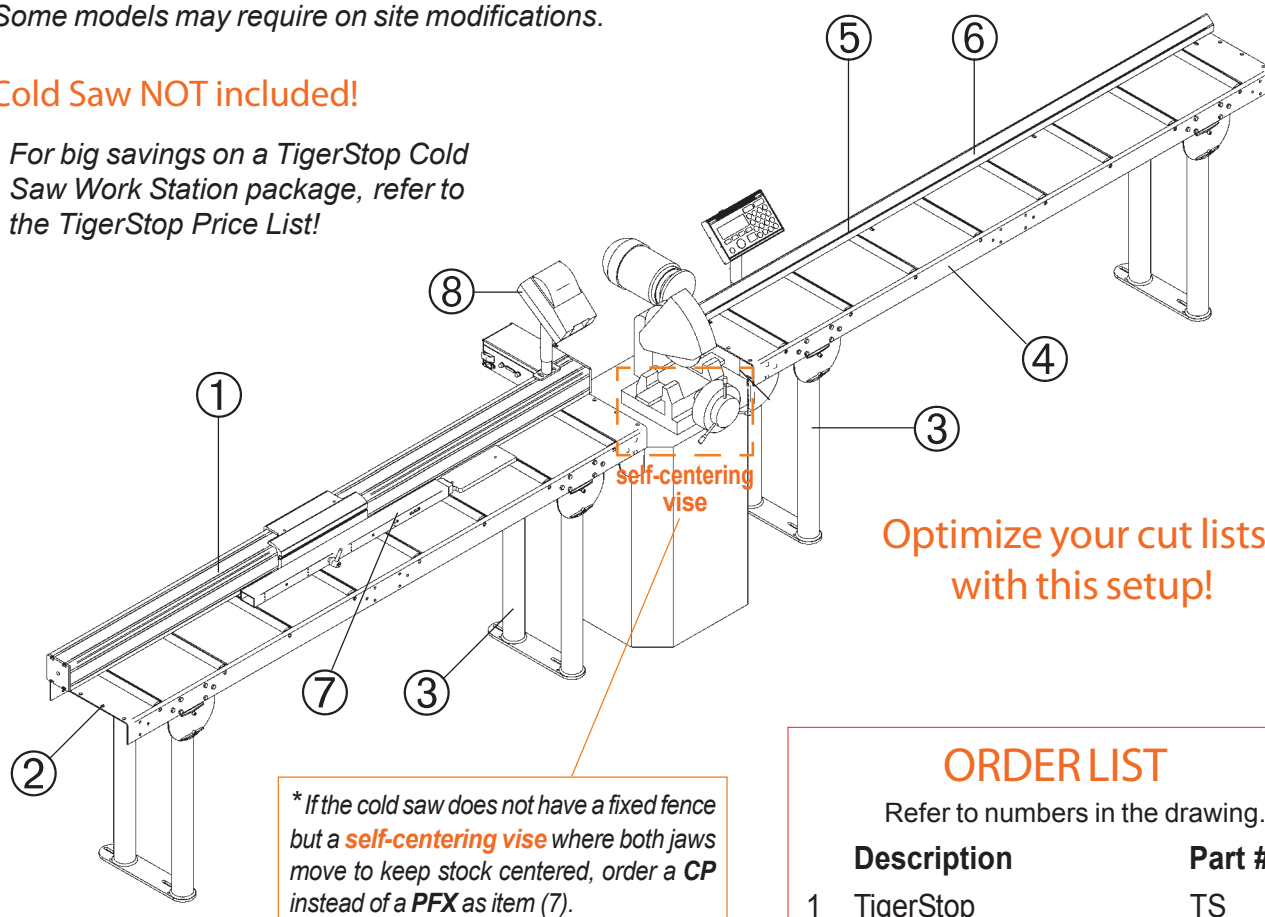


## TigerStop® Cold Saw Setup

Some models may require on site modifications.

### Cold Saw NOT included!

For big savings on a TigerStop Cold Saw Work Station package, refer to the TigerStop Price List!



Optimize your cut lists with this setup!

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (roller).
- (3) Extra leg sets are needed to support infeed/outfeed tables when it is not possible to attach them to a free-standing tool.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) An 144" long adhesive back rule, mounted to the back fence, is helpful in set point stop optimizing. Order as BRLR (left-to-right reading) or BRRL (right-to-left reading).
- (7) The extended pusher foot extends the reach of the stop by 13" to 33". Other optional stop attachments are also available, such as the pusher foot **PF**, the gangstop **GSX**, and the center pusher **CP** (use with self-centering vise only).

### ORDER LIST

Refer to numbers in the drawing.

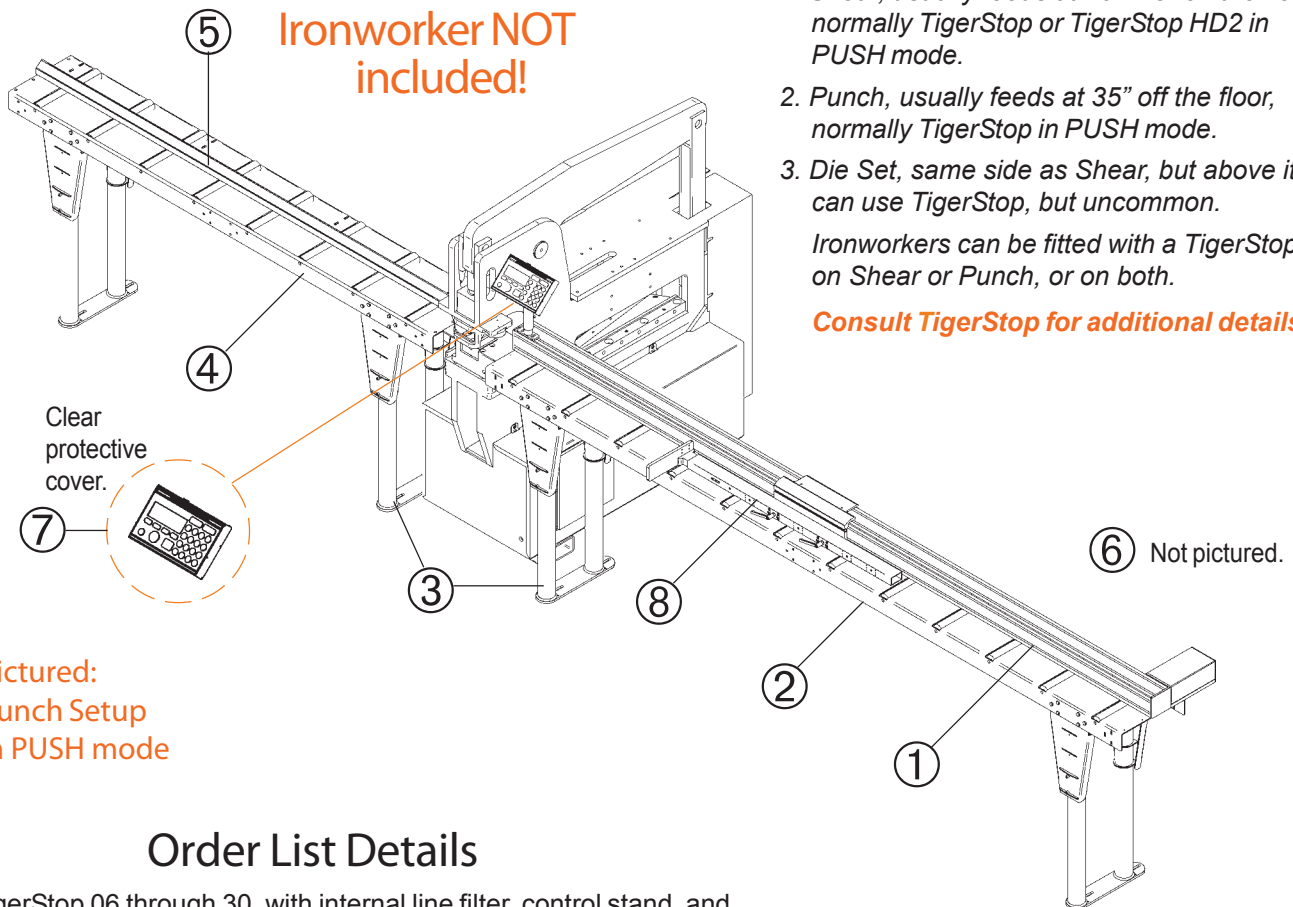
Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABR	___
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABR	___
5 Back Fence (72" long)	BF	
6 Back Rule (144" long)	BR-LR/-RL	
7 Extended Pusher Foot	PFX	
or Center Pusher	CP *	
* See note at drawing and order list details.		
8 Label Printer, downloading & optimizing software		
- DNLD, OPT, PR 2/4, ESC, SX, USBA		

\* Roll-top feed tables are also available with plastic rollers for processing anodized aluminum stock. Part # is **TABR**\_\_\_-PR for plastic rollers. Non-roller feed tables are also available: **TABNR**\_\_\_.



## TigerStop® Ironworker Punch Setup

Some models may require on site modifications.



Ironworkers have 3 stations:

1. Shear, usually feeds at 26"~28" off the floor, normally TigerStop or TigerStop HD2 in PUSH mode.
2. Punch, usually feeds at 35" off the floor, normally TigerStop in PUSH mode.
3. Die Set, same side as Shear, but above it, can use TigerStop, but uncommon.

Ironworkers can be fitted with a TigerStop on Shear or Punch, or on both.

**Consult TigerStop for additional details.**

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (roller,
- (3) Extra leg sets are needed to support infeed/outfeed tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) A 20' or 30' long controller cable is necessary.
- (7) A controller cover is recommended in a metal-working environment.
- (8) The gangstop extends the reach of the stop by 9" to 24". Other optional stop attachments are also available, such as the pusher foot **PF** and extended pusher foot **PFX**.

- ☐ All feed tables should be assumed free standing with metalworking machines for clearance issues.
- ☐ All machines should be with home end motors (or amplifiers), AWAY from tool.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table	TABR	___
3 Extra Leg Sets (Qty: 2)	TABLEG-	
4 Infeed/Outfeed Table	TABR	___
5 Back Fence (72" long)	BF	
6 20' / 30' Control Cable	CC5-20, -30	
7 Controller Cover	CON5CVR	
8 Gangstop	GSX	



## TigerStop<sup>®</sup> HD2 Ironworker

## Shear Setup

Some models may require on site modifications.

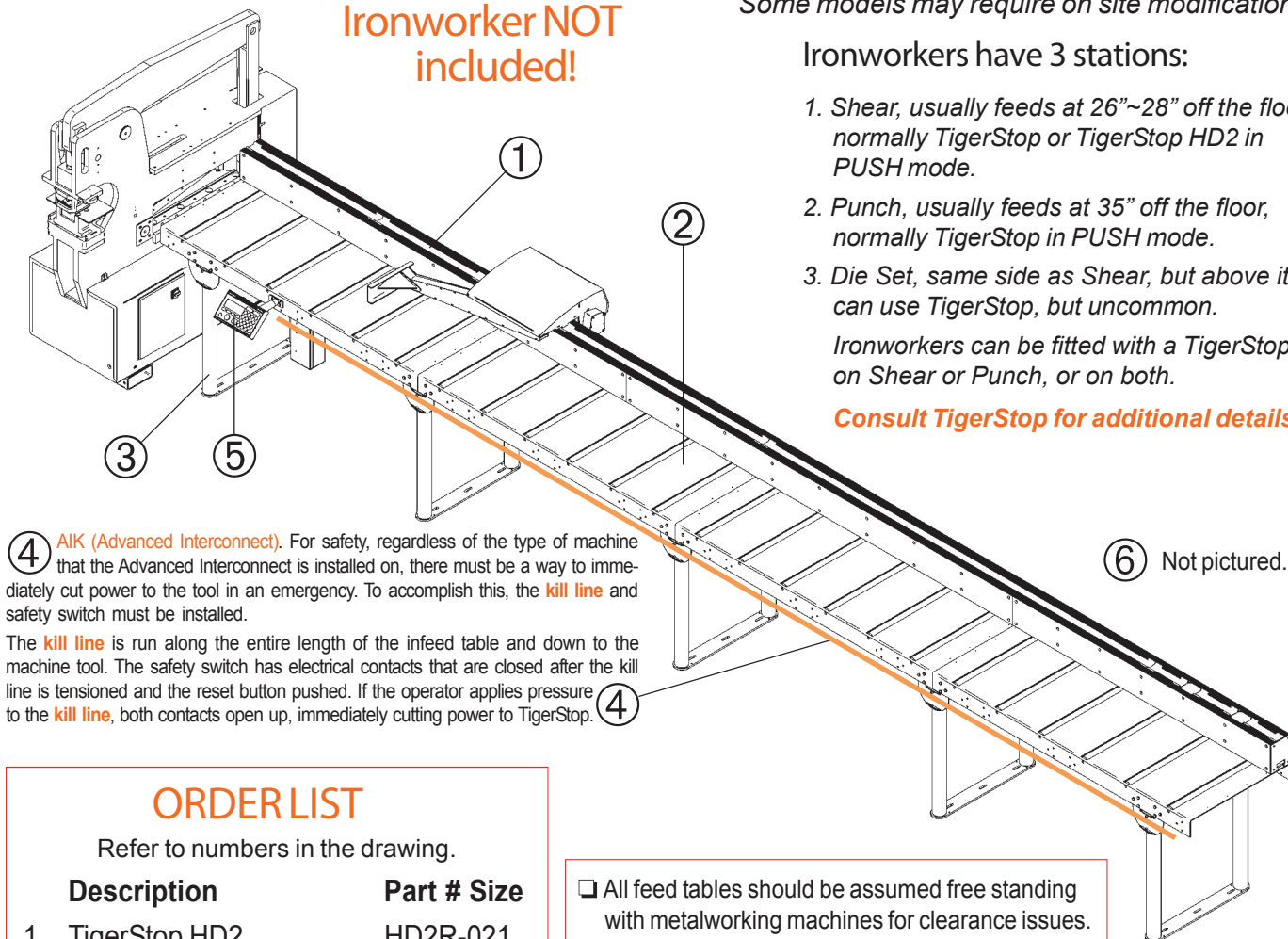
**Ironworker NOT included!**

Ironworkers have 3 stations:

1. Shear, usually feeds at 26"~28" off the floor, normally TigerStop or TigerStop HD2 in PUSH mode.
2. Punch, usually feeds at 35" off the floor, normally TigerStop in PUSH mode.
3. Die Set, same side as Shear, but above it, can use TigerStop, but uncommon.

Ironworkers can be fitted with a TigerStop on Shear or Punch, or on both.

**Consult TigerStop for additional details.**



**4 AIK (Advanced Interconnect).** For safety, regardless of the type of machine that the Advanced Interconnect is installed on, there must be a way to immediately cut power to the tool in an emergency. To accomplish this, the **kill line** and safety switch must be installed.

The **kill line** is run along the entire length of the infeed table and down to the machine tool. The safety switch has electrical contacts that are closed after the kill line is tensioned and the reset button pushed. If the operator applies pressure to the **kill line**, both contacts open up, immediately cutting power to TigerStop.

### ORDER LIST

Refer to numbers in the drawing.

Description	Part # Size
1 TigerStop HD2	HD2R-021
Select the gear box ratio:	
2 Infeed Tables (Qty: 4)	TABW4R
3 Extra Wide Leg Set	TABLEG-W
4 Advanced Interconnect	AIK
<i>Special 20' long power cord needed.</i>	
5 Controller Cover	CON5CVR
OPTIONAL:	
6 20' / 30' Control Cable	CC5-20, -30

☐ All feed tables should be assumed free standing with metalworking machines for clearance issues.

### Order List Details

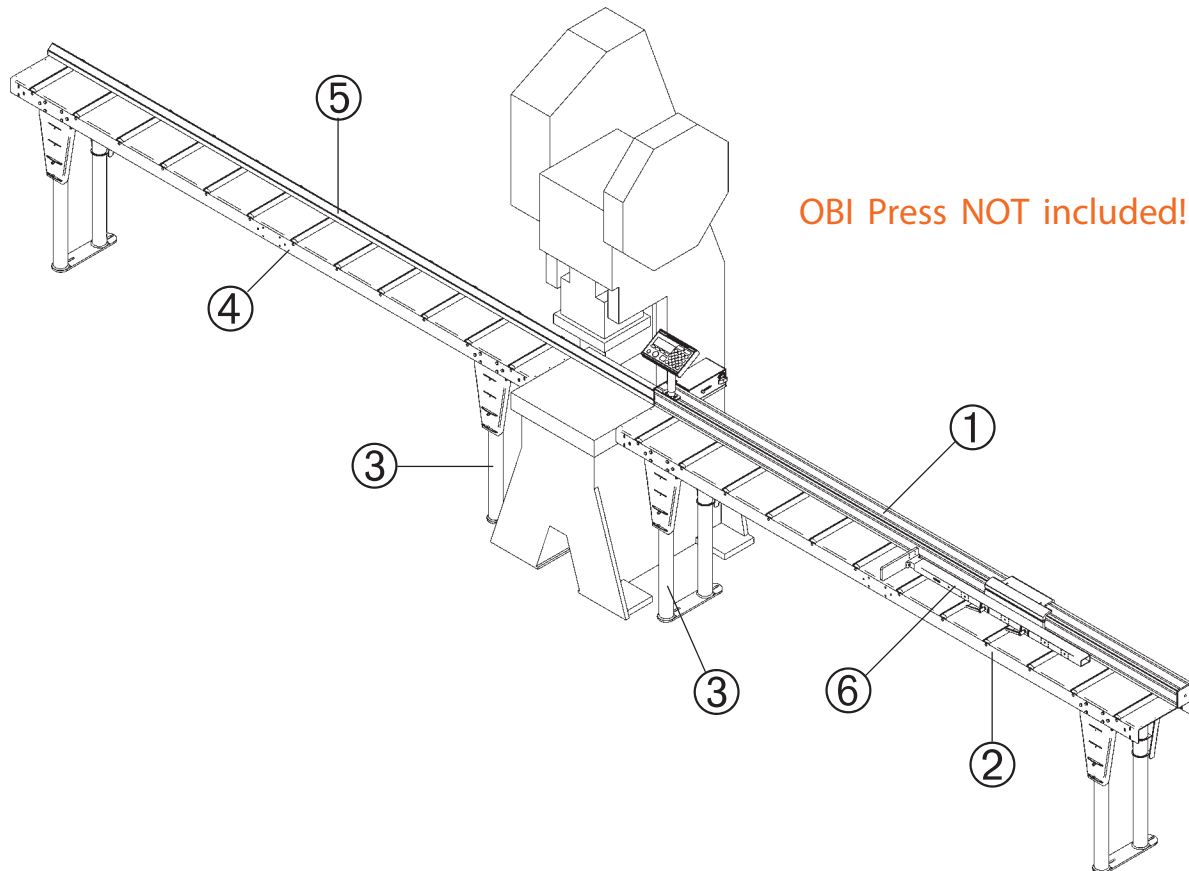
- (1) Heavy Duty<sup>2</sup> 21, overall length 24', with internal line filter, control stand, and pusher arm. — Select the gear box ratio that matches the weight you need to push. (See max loads in Order List).
- (2) Extra wide infeed tables, 28" wide by 6' long (with rollers).
- (3) An extra wide leg set is needed to support the table nearest the shear.
- (4) Advanced interconnect kit is recommended for this application. Order it with optional 20' power cord.
- Be sure to have all necessary guards in place for operator safety.**
- (5) A controller cover is recommended in a metal-working environment.
- (6) Optional 20' or 30' long controller cable may be necessary, depending on your placement of the controller. If installed as in the picture, the standard cable (included) will be long enough.

WARNING: TigerStop, TigerFence, TigerCross Cut, TigerRip Fence and TigerStop Heavy Duty 2 (HD2) are machine components intended for use in conjunction with other potentially dangerous machinery. The use of these components does not make that machinery safe. TigerStop LLC's products are not intended to substitute, in any manner, for safety requirements in general, or in conjunction with other machinery. These components must be incorporated into machinery by persons qualified to design safety features to make the machine as safe as possible and to ensure that it meets federal, state and local law with respect to safety and all other regulatory requirements. In addition, TigerStop and TigerStop Heavy Duty 2 (HD2) are machine components that should only be operated by qualified persons trained in safe operating procedures. Illustrations of TigerStop and TigerStop Heavy Duty 2 components in use do not show, and are not intended to show, safety features necessary to make the machinery safe to operate.



## TigerStop® OBI Press Setup

*Some models may require on site modifications.*



### ORDER LIST

Refer to numbers in the drawing.

Description	Part #	Size
1 TigerStop	TS	___
2 Infeed/Outfeed Table *	TABR	___
3 Extra Leg Sets (Qty: 2)	TABLEG	
4 Infeed/Outfeed Table *	TABR	___
5 Back Fence (72" long)	BF	
6 Gangstop	GSX	

\* Roll-top feed tables are also available with plastic rollers for processing anodized aluminum stock. Part # is **TABR\_\_\_-PR** for plastic rollers. Non-roller feed tables are also available: **TABNR\_\_\_**.

### Order List Details

- (1) TigerStop 06 through 30, with internal line filter, control stand, and standard interconnect.
- (2) (4) Infeed/outfeed tables 06 through 30 (roller)
- (3) Extra leg sets are needed to support infeed/outfeed tables.
- (5) The back fence keeps material from falling off the opposite feed table. Aluminum 72" segments.
- (6) The gangstop extends the reach of the stop by 9" to 24" and gives a wider surface to butt your parts against.

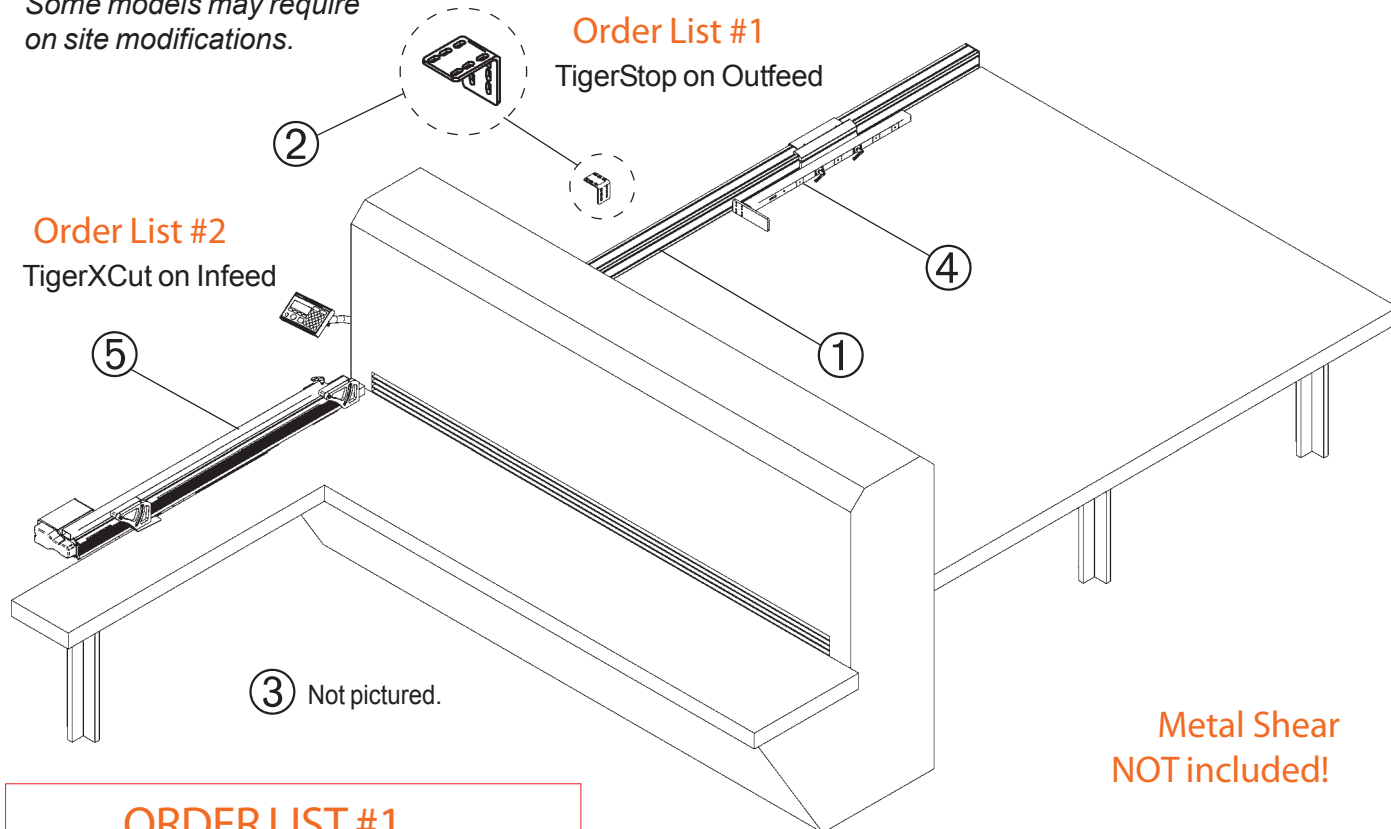
#### Metalworking applications only:

- ☐ All feed tables should be assumed free standing with metalworking machines for clearance issues.
- ☐ All machines should be with home end motors (or amplifiers), AWAY from tool.



## TigerStop® or TigerXCut® Metal Shear Setup

Some models may require  
on site modifications.



### ORDER LIST #1

#### TS10 on Outfeed Side

Refer to numbers in the drawing.

Description	Part # Size
1 TigerStop	TS10
2 UBR(Qty: 4)	UBR
3 20' Control Cable	CC5-20
4 Gangstop	GSX

### ORDER LIST #2

#### TCC on Infeed Side

Refer to numbers in the drawing.

Description	Part # Size
5 TigerCrossCut	TCC
2 UBR (Qty: 3)	UBR

### Order List Details

(1) TigerStop 10 (overall 12' long), with internal line filter, control stand, and standard interconnect. — Used as a *stop*. The existing shear back fence must be removed and replaced with TigerStop, which is mounted to the table edge using UBR mounting brackets, with the motor next to the shear.

(2) TigerStop brackets to mount TigerStop off the back edge of the shear table, or TigerCrossCut off the back edge of the infeed.

(3) The 20' control cable runs under the shear and is plugged into the controller mounted near the operator controls.

(4) The gangstop extends the reach of the stop by 9" to 24" and gives a wider surface to butt your parts against.

(5) TigerCrossCut, with internal line filter and control stand. — Used as a *stop*. Mounted to the front feed table or ledge of a metal shear using UBR mounting brackets.



## TigerStop® and Your Computer

A basic TigerStop may be a good place to start, but once you've used your machine and realized how much faster and easier it would be if you could integrate TigerStop with your computer, it's time to look at TigerStop's software upgrades.

Part #  
Product

**Upgrade any TigerStop quickly and easily!**

**SET**  
**TigerSet®**

**Talk to your TigerStop!**

Control TigerStop's position from a remote PLC or computer using your own custom programming. Just run a cable from your PC to the RS232 port on the controller.

**BCS + SET**  
**Bar Code**  
**Scanner**

**Run TigerStop from the Bars!**

Use bar code labels to control TigerStop. If your part list is output on labels in bar code, you can use our bar code scanner to send the stop to the right length quickly and easily. When the part is cut, apply the label.

*No more parts cut twice by mistake!*

**CLIP**  
**Clipboard®**

WindowsXP,  
2000 or NT  
required!

**Super-size your Controller!**

Use Clipboard software to turn your touch screen into a TigerStop controller *plus!*

Get a visual real-time view of job progress as Clipboard dynamically updates your part list as you run it. **Touch screen NOT included!**

*Clipboard works with Cabnetware, SuperDoor, GDS, Caliburn, Paradigm, and even your custom program!*

**TG**  
**TigerGauge®**

**Inset moulding cuts on the fly!**

TigerGauge software and a digital caliper together provide a superior solution for all TigerStop linear positioning products, a fast and accurate measuring and data entry tool specifically designed for inset moulding. **Digital caliper NOT included!**

**OPT**  
**TigerOptimizer®**

**Make the most of your material!**

TigerOptimizer® is a true "best fit" system that operates on downloaded or manually entered part lists. Specify head and tail cuts either globally or on a per job basis. Configure to process stock in a *waste first* or *waste last* mode. Get yield and optimization data to track material flow and saw utilization.

**DNLD**  
**Cut List**  
**On**  
**Demand®**

WindowsXP  
required!

**Take total control from part list to product!**

Streamline work order flow, manage, schedule, organize, release, prioritize and monitor the status of every job! Sort parts, label parts, merge multiple jobs for maximum optimization!

Workflow Manager is a powerful tool for managing part lists and routing them to one or more TigerStops. This simple, intuitive computer program makes it easy to maximize efficiency and increase productivity. Available for Ethernet, serial, or USB.

*Workflow Manager works with Cabnetware, Cabinetvision, KCDw, SuperDoor and other programs—even MS Excel! The PR214 series is enabled for printing and includes a 2/4" label printer.*



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## Industry / Application Index

Find your industry and your application and discover your solution with TigerStop!

INDUSTRY	APPLICATION	SOLUTION — TigerStop and your...
aluminum	aluminum extrusion, cutting	chop saw, 6; upcut saw, 16
blinds	various processes	upcut saw, 16, 17; double ended, 18
cabinetry		
casework, commercial		
furniture	door frames, cutting	chop saw, 6; upcut saw, 16, 17
	drawer parts, cutting	chop saw, 6; upcut saw, 16, 17
	face frames, cutting	chop saw, 6; upcut saw, 16, 17
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	5-pc door parts, cutting	chop saw, 6; upcut saw, 16, 17; dbl-miter saw, 7
	door parts, cutting	chop saw, 6; upcut saw, 16, 17; radial arm saw, 13;
		table saw, 15; rip saw, 14
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fencing, wood	fence posts, mortising	horiz-mortiser, 5; vert-mortiser, 9
	fencing, cutting	chop saw, 6; upcut saw, 16
furniture, steel office		
	metal parts, drilling	horiz-boring mach, 5; drill press, 8
	metal parts, punching	drill press, 8; ironworker, 24
	sheet metal, cutting	ironworker, 25; shear, 27
	sheet metal, forming	brake, 22
ironwork, architectural		
	angle iron, cutting	cold saw, 23; ironworker, 25; horiz-band saw, 21
	flat bar, cutting	cold saw, 23; ironworker, 25; horiz-band saw, 21
mouldings	mouldings, cutting	chop saw, 6; upcut saw, 16, 17
pallets, wood	pallet parts, cutting	upcut saw, 7
picture frames	picture frames, cutting	dbl-miter saw, 7; double ended, 18
RV mfg	various processes	chop saw, 6; radial arm saw, 13; upcut saw, 16, 17;
		double ended, 18; table saw, 15; rip saw, 14; beam saw, 1;
		vert-panel saw, 12
shutters	various processes	chop saw, 6; upcut saw, 16, 17; rip saw, 11;
		horiz-boring mach, 5; drill press, 8
steel fab	metal parts, drilling	horiz-boring mach, 5; drill press, 8
	metal parts, punching	drill press, 8; ironworker, 24
	sheet metal, cutting	ironworker, 25; shear, 27
	sheet metal, forming	brake, 22
store fronts	various processes	drill press, 8; cold saw, 23; ironworker, 24, 25
truss	trusses, cutting	radial arm saw, 13
tubing, metal	non-ferrous tube, cutting	cold saw, 16; horiz-band saw, 19, 20
windows, vinyl	window parts, cutting	chop saw, 6; upcut saw, 16, 17; dbl-miter saw, 7
windows, wood		
	window parts, cutting	chop saw, 6; upcut saw, 16, 17

Typical order lists with considerations can be found at the pages listed.



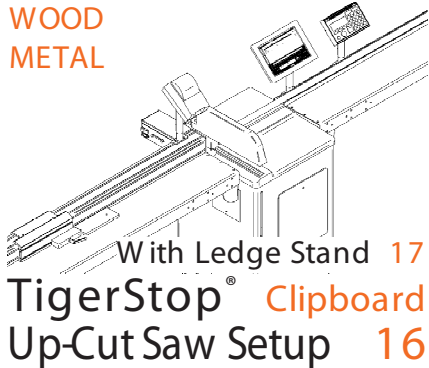
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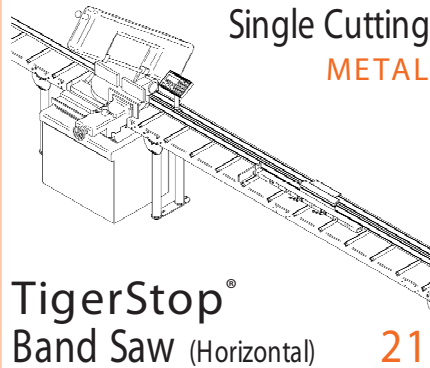
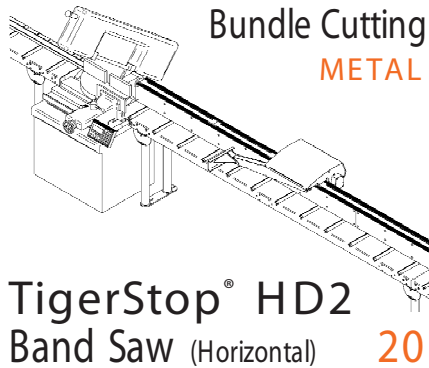
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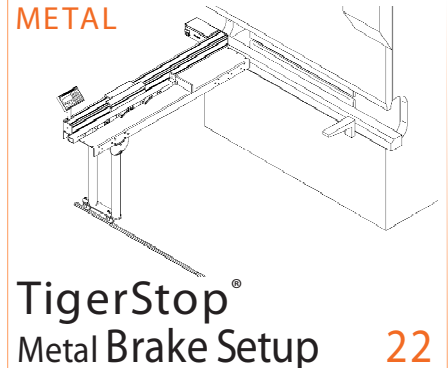
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METAL



METAL

