Printer
User Manual

TigerStop®

fast and accurate...every time

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SAFETY FIRST!

IMPORTANT SAFETY INFORMATION. READ ALL WARNINGS BEFORE OPERATING THIS PRODUCT.

GENERAL WARNINGS

WARNING: Installation of your TigerStop® Product must be done by a person trained in the safe design and installation of automation products, and in the safe operation of power equipment. Ensure that such installation meets all legally required safety requirements and guidelines, and that proper guarding and safety devices are provided on all sides of the equipment to preclude unintended access during operation. Consult with and follow the recommendations of a qualified safety engineer.

WARNING: TigerStop® Products are components intended for use in conjunction with potentially dangerous machinery. The use of TigerStop® Products does not make other machinery safe. TigerStop® Products are not intended to substitute, in any manner, for safe operating practices in general, or for safety features present in other machines designed to make those machines as safe as possible. TIGERSTOP® PRODUCTS, IF USED OR INSTALLED IMPROPERLY, MAY CAUSE PERSONAL INJURY OR DEATH AND SHOULD ONLY BE OPERATED BY PERSONS TRAINED IN THEIR SAFE OPERATING PROCEDURES. Illustrations of TigerStop® Products in use do not show, and are not intended to show, all safety features and practices necessary for their safe operation.

INSTALLATION WARNINGS

WARNING: TigerStop® Products must be installed in accordance with all local, state, and federal regulations. Only personnel properly trained in the safe design and installation of automation machinery and related power equipment should install TigerStop® Products onto other equipment, to ensure a safe and proper work station. TigerStop® Products should not be operated without proper training, both in the operation of TigerStop® Products, and in the operation of related equipment.

IMPORTANT CAUTION:
The motor box (compartment) contains high voltage with potentially FATAL amperage. NEVER attempt any unauthorized actions inside the motor box.

INTERCONNECTS

WARNING: Using a TigerStop® interconnect does not relieve you of the responsibility for making sure that your saw or other tool has all the necessary safety equipment in place. All installations must meet all legally required safety requirements and guidelines. Installation and training should be done following the recommendations of a qualified safety engineer.

OPERATION

DANGER: This machine can start, move and stop automatically. Keep hands and loose clothing clear of moving parts while operating. Moving parts can crush and cut. When used with a saw or other cutting equipment, bodily injury and death may result if operated without safety guards on all machines. Do not operate with guards removed. Operators must wear adequate eye and ear protection.

IMPORTANT SAFETY INFORMATION. READ ALL WARNINGS BEFORE OPERATING THIS PRODUCT.

Warning! This machine can start, move and stop automatically. Keep hands and loose clothing clear of moving parts while operating. Moving parts can crush and cut.

Keep the work area clean and well-lighted to avoid accidental injury.

Do not use TigerStop® machines in a dangerous environment. Always install TigerStop® machines indoors and according to the installation instructions.

Do not use TigerStop® machines in damp or wet locations or in rain. These conditions may result in shock or electrocution.

Do not operate near flammable liquids or in gaseous or explosive atmospheres!

Wear proper apparel: no loose clothes, long hair, or jewelry which could get pulled into moving machinery or materials.

Wear proper personal protective equipment: non-slip footwear, safety glasses, ear protection, gloves, and a dust mask.

Do not use extension cords with TigerStop® machines.

Do not open motor compartment or controller. High voltage with potentially FATAL amperage present! Disconnect power before servicing. No user-serviceable parts inside.

DO NOT operate this or any machine under the influence of drugs or alcohol!

Only fully-qualified personnel should operate this machine.

Read the entire manual before operation of this machine.

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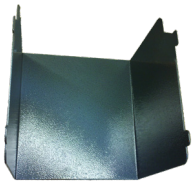
Follow Us

Parts Inventory

PART	DESCRIPTION (NUMBER)	QUANTITY
	Printer Package (LP0001)	1
	Label Peeler (LP0005)	1
	2" Label Roll (LP0115)	1
	4" Label Roll (LP0120)	1
	Printer Stand Cover (M0025)	1
	Printer Stand Base (M0024)	1
	Square Tube (M1808)	1
	Round Tube (M1807)	1

Parts Inventory

PART	DESCRIPTION (NUMBER)	QUANTITY
	Printer Stand Base Half-Bracket (M10070)	2
	M6x14 mm Socket-Head Screw (F7216)	1
	M8x50 mm Hex-Head Screw (F9827)	1
	M8x45 mm Hex-Head Screw (F9826)	2
	Spacer (F6702)	1
	M8x35 mm T-Bolt (F0184)	2
	M8 Flange Nut (F0419)	5
	Hook Tape (J9000)	4"

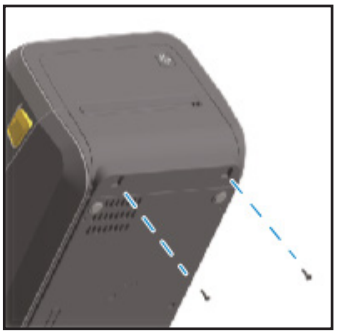
PART	DESCRIPTION (NUMBER)	QUANTITY
	Loop Tape (J9002)	4"

Installation

Label Peeler Installation

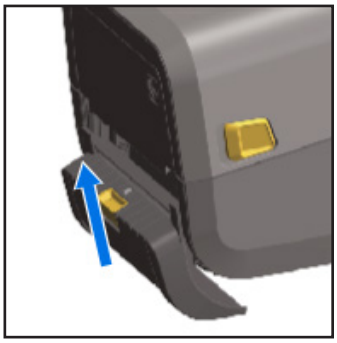
1. If connected, disconnect the Printer's power input plug.

2. Remove the two screws from the bottom of the Printer.



3. Slide the bezel off the front of the Printer.

4. Slide the Label Peeler up into where the bezel was.



5. Fasten the Label Peeler to the Printer with two screws.

Printer Stand Assembly

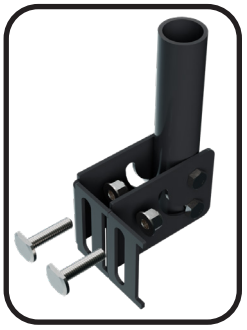
The printer stand mounts the printer to any support structure.

The printer stand pivots between 0-90° with the base hardware.

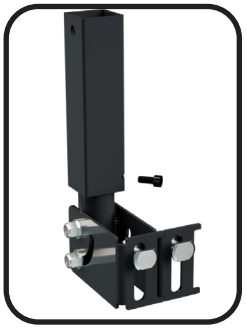
1. Place the Printer Stand Base Brackets against the Round Tube and insert two M8x45mm Hex-Head Screws through all three parts.

2. Fasten the Base Brackets to the round tube with M8 Flange Nuts.

3. Insert one M8x35 mm T-bolt through each vertical slot in the Printer Stand Base Brackets. Fasten with M8 Flange Nuts.

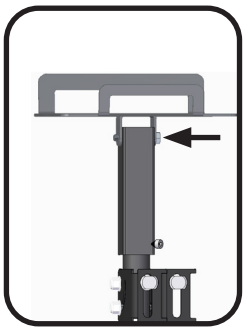


4. Insert the Round Tube into the Square tube and fasten with an M6x14 mm Socket-Head Screw.

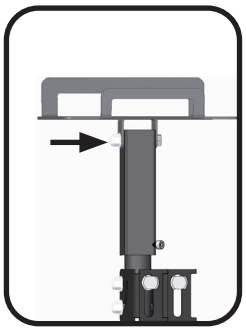


5. Place the Spacer between the Square Tube's holes.

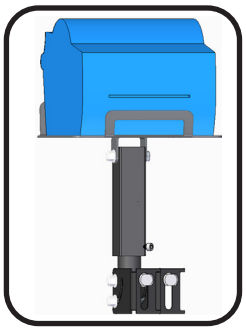
6. Connect the Spacer, Printer Stand Base, and Tube with an M8x50mm Hex-Head Screw.



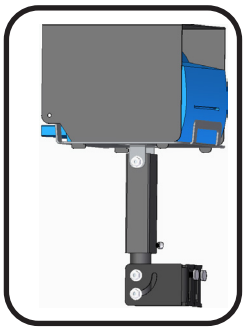
7. Fasten with an M8 Flange Nut.



8. Stick Hook and Loop Tape to the bottom of the Printer and the top of the Printer Stand Base.
9. Place the Printer onto the Printer Stand Base, facing forwards.



10. Attach the Printer Stand Cover to the Printer Stand Base using the tabs on the Cover.

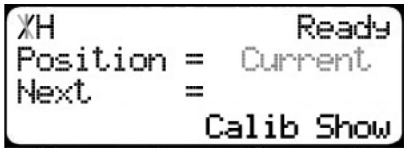


Enabling

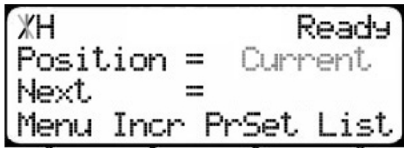
Printer won't function until it is enabled.

Enable Code: _____

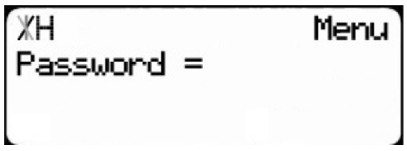
1. At the Ready Screen, press the **[Show]** soft key.



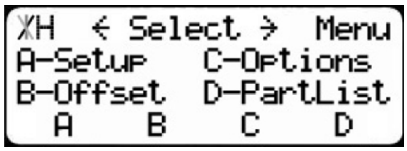
2. Press the **[Menu]** soft key.



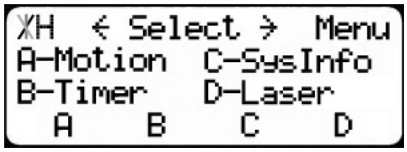
3. Enter the TigerStop®'s password and press =
   - By default, the TigerStop®'s password is the serial number.



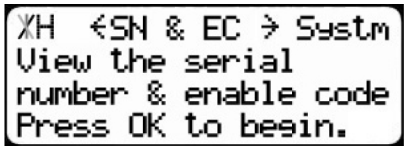
4. Press →



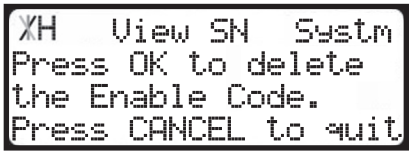
5. Press the **[SysInfo]** soft key.



6. Press OK
7. Press A, B, C and then D in sequence.



8. Press OK to erase the current enable code.
9. Press STOP to return to the Ready Screen.



10. Power down the TigerStop® and wait for 5 seconds.
11. Power up the TigerStop®.
12. Enter the enable code and press =
    - The TigerStop® is ready for Printer.

Setup

⚠ Printer requires TigerTouch to operate.

Follow the included ZD421 Printer Quick Start Guide to learn how to load labels and configure the printer.

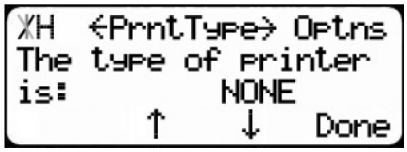
When enabled, the printer prints a label for every part in a part list. Configure labels through TigerLink: https://www.tigerstop.com/service-center/

Activate Printer features through the TigerStop® Standard Controller by following these instructions.

Printer Type

Printer Type tells the TigerStop® which kind of printer is installed and enables printing.

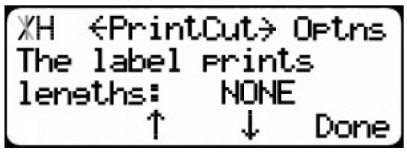
1. Access the Options menu and press repeatedly until reaching the 'PrntType' screen.
2. Press the or key.
3. Enter the password and then press
   - The default password is the serial number.
4. Press the or [↑] soft key to select a printer type.
   - Select 1in, 2in, 3in, or 4in depending on the width of the labels in the printer.



Print Cut

Prints the part length and quantity on the label after every move to position. Adds this information to each label print in a cut list.

1. Access the Options menu and press repeatedly until reaching the 'PrintCut' screen.
2. Press the or [↑] soft key to select a font size and enable the setting.
   - The font size only affects the part length and quantity information.



Options:

Standard - Prints the part length and quantity in the default font size.

Off - Disables the feature.

Large - Prints the part length and quantity in a larger font size.

COMPARISON CHART

	Product		Max Load Push	Power Requirement	Drive Type	Accuracy	Working Length
CORE		TigerFence	Stop Only	110 / 240 Vac	3/4" Hi-Lead Screw	+/- .003" +/- 0.08 mm	51" or 70" 1.29 m or 1.77 m
CORE		SawGear Touch®	Stop Only	110 Vac	32 mm Belt Steel Reinforced	+/- .008" +/- 0.2 mm	8' - 20' 2.4 m - 6 m
CORE		TigerStop Pro™	150 lbs/68 kg Solid Tables 300 lbs/136 kg Roller Tables	120 / 240 Vac	32 mm Belt Steel Reinforced	+/- .004" +/- 0.1 mm	4' -30' 1.2 m - 9.1 m
CORE		HeavyDuty Pro	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	240 Vac	Rack & Pinion	+/- .008" +/- 0.2 mm	12' - 60' 3.7 m - 18.5 m
SAW SYSTEMS		TigerSaw™ 1000	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3 mm	8' - 60' 2.4 m - 18.5 m
SAW SYSTEMS		TigerSaw™ 1000 Compact	90 lbs/41 kg Solid Tables 180 lbs/81 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced	+/- .015" +/- 0.4 mm	4' -30' 1.2 m - 9.1 m
SAW SYSTEMS		TigerSaw™ 2000	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .012" +/- 0.3 mm	8'- 60' 2.4 m - 18.5 m
SAW SYSTEMS		TigerSaw™ 2000 Compact	90 lbs/41 kg Solid Tables 180 lbs/81 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced	+/- .015" +/- 0.4 mm	4' -30' 1.2 m - 9.1 m
SAW SYSTEMS		TigerSaw™ Ferrous	400 lbs/180 kg Solid Tables 2250 lbs/1000 kg Roller Tables	208 / 480 Vac	32 mm Belt Steel Reinforced or Rack & Pinion	+/- .015" +/- 0.4 mm	8' - 60' 2.4 m - 18.5 m
SAW SYSTEMS		Automatic Cast Iron Pipe Cutter	150 lbs/68 kg Solid Tables 300 lbs/136 kg Roller Tables	120 / 240 Vac	32 mm Belt Steel Reinforced	+/- .031" +/- 0.78 mm	16' 4.9 m

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• Made in USA from domestic and foreign components.

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