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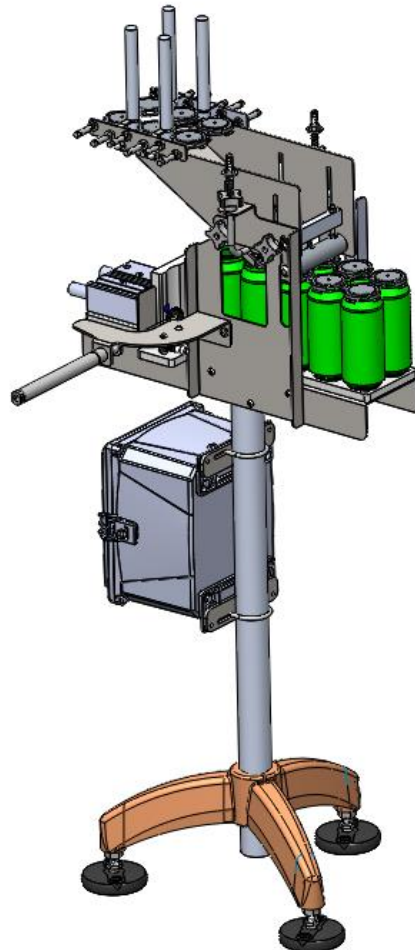
# microcanner PAK TECH APPLICATOR

## OPERATING INSTRUCTION MANUAL

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Version 3.0

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- Never put hands or loose articles of clothing near or inside of a moving conveyor.
- Never permit children, or un-trained operators anywhere near an operating machine.
- In the event of an emergency, hit the E-stop.
- Never perform adjustments without being in E-Stop mode, or unplugging the machine.
- Never plug into an outlet that is not GFCI. Water and electricity do not mix.
- Never open the control panel while powered up / plugged in.
- Keep clear of all moving parts.
- Clear machine jams only when in E-stop mode or fully powered down.
- It is recommended that you wear safety glasses anytime during operation of the Pak Tech system.

## **TABLE OF CONTENTS**

<b>1 INTRODUCTION.....</b>	<b>4</b>
<b>2 MACHINE REQUIREMENTS.....</b>	<b>4</b>
<b>3 GENERAL MACHINE SERVICE.....</b>	<b>4</b>
<b>4 START UP PROCEDURE.....</b>	<b>6</b>

## 1 INTRODUCTION

- Thank you for purchasing a microcanner PAK TECH system. This manual is written for your benefit to help you fully understand how to operate and service your machine. With proper operation and service your machine will offer you years of service.
- This system is designed to run 8, 12, and 16oz standard cans with a few simple changeover steps.

## 2 MACHINE REQUIREMENTS

- For safety purposes you should plug your machine into a 110v 20 amp GFCI outlet.
- **Clean dry air supply to the machine.** Below is one we would suggest.
  - <http://www.smcusa.com/products/idfb-refrigerated-air-dryer.aspx>
  - Model IDF B3E-11N should be adequate. Consult your local SMC representative prior to purchase.
  - Failure to provide dry air will destroy valves and void the warranty.
  - Air Regulator at the machine is to be set at 70 P.S.I. If your pressure needle jumps around during operation, you will need to supply a surge tank near the machine.

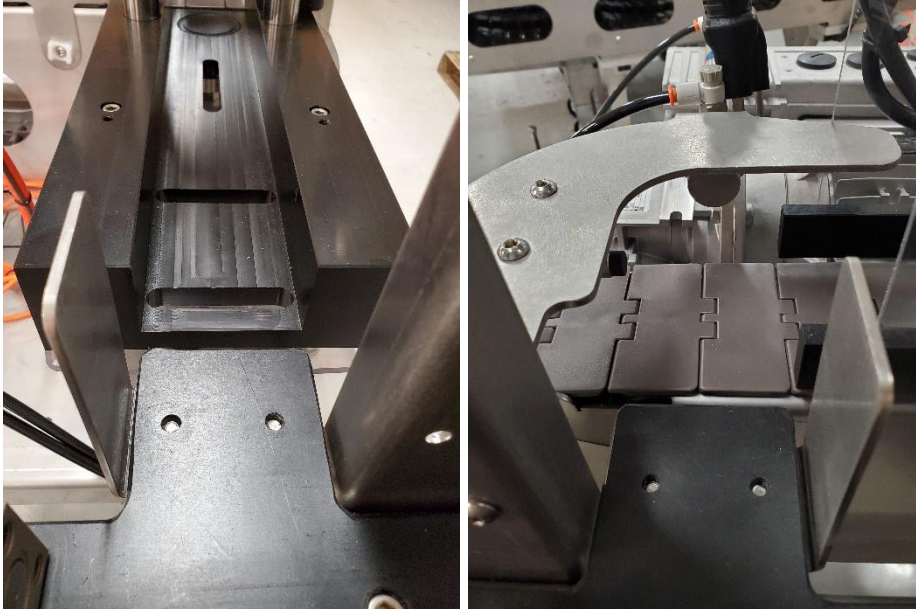
### 3 GENERAL MACHINE SERVICE

Like any other piece of equipment, your canning machine needs to be cleaned, lubricated and serviced periodically. Screws loosen, Filters plug up with contaminates and sensors vibrate out of adjustment. It is important to assign a technician to learn the system and take good care of it.

- Prior to each use, all screws and sensors should be checked for tightness.
- Following each use, the entire machine should be hosed off (not pressure washed). A bucket of warm water and dawn soap should be prepared, and the machine be scrubbed with a soft plastic bristled bush. All water spots should be polished off using vinegar and rags.
- After cleaning a food grade zero weight grease (<http://www.mcmaster.com/#1242k11/=125v2xd>) needs to be applied using your finger to the H slide rods and push cylinder rod (push cylinder rod only for MC-1000 and MC-202 users)

#### 4 START UP PROCEDURE/SWITCHING FROM 8OZ TO 12OZ TO 16OZ

1. Line up the Pak Tech to the end of the canning line (See pictures). The drop from the canning conveyor/chute to the Pak Tech deck should be level or slightly below. Note: If the deck is higher it will cause the cans being pushed to tip over.



2. Adjust the foot pads (if necessary) to level.



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- 3.** Fill the hopper with Pak Tech's, do not stack higher than 2 inches above tops of alignment posts.



#### 4.1 ADJUSTING THE PRESS ZONE

1. Use 2 seamed cans and place them under the Pak Tech drop chute.
2. Place a Pak Tech on the drop chute let it slide down until it hits the stopper hook.
3. Manually push the cans toward the angled Pak Tech. It should catch the edge of the can and bend under the press bar.
4. Once the first set of cans pass the press bar the Pak Tech should snap onto the cans.
5. If the Pak Tech don't easily grab the edge of the can you can adjust the whole head height using the thumb screws on the large U-Bolt.



6. Always make sure your drop chute remains level relative to the side frames of the Pak Tech. This can be adjusted using the four smaller thumb screws located on the sides of the Pak Tech.

7. The press roller might need adjustment while switching can sizes. To adjust use a 7/16" open end wrench and a 7/32" allen wrench to adjust the height of the roller. You want the roller to be just above the cans. Make sure to tighten down the hex head screws so they are touching the roller and properly locked down. If a Pak Tech is not fully locking onto the can this bar might need further adjustment once running.



8. Remember to tighten all screws and bolts after final adjustment.

9. Remove setup cans and the machine is ready to run.