

C-800 Bottle Insert Press “The Bopper”

*Thank You for purchasing the C-800 Swan-Matic Bopper. The Bopper is proudly built in the USA by Automation Devices in Fairview, PA.
For any technique assistance please feel free to call 814-474-5561.*

Set-up and Operation Instruction

1. Connect to clean, dry air supply. 85psi max. 1/8” NPT male thread connector is provided on the end of the air hose. Customer must supply their own connection to their shop air supply.
2. Loosen head lock handle on the right side of the machine and slide head to upmost position.
3. Tighten head lock handle.
4. Thread insert driver onto air cylinder shaft. Moderately tighten locking nut. DO NOT over tighten.
5. Adjust the down force knob on the front of the Bopper to 60psi. Air pressure gauge is located on the left side of the Bopper. To decrease down stroke pressure, rotate the knob to the left (counter clockwise). To increase down stroke pressure, rotate knob to the right (clockwise).
6. Push down on the cycle lever. The air cylinder should completely cycle smoothly down and up.
7. Adjust head down to bottle. The insert driver should be approximately 1/2 inch above the part to be pressed in.
8. Adjust the “V” block to the correct position so that the bottle is centered directly under the insert driver head. Tighten down “V” block knobs.
 - a. If you purchased the rotary wheel option. Place the rotary wheel into the bronze bushing on the base plate. Place the inserts into rotary wheel.
9. Place bottle(s) in the “V” block or rotary wheel.
 - a. If you have the rotary wheel option, load the feeding side of the wheel with bottles. The feed side can be either the left or the right, depends on the operator’s preference. The rotary wheel is designed to be loaded on one side and unloaded on the other side.
10. Cycle machine.
11. If the insert is pressed completely in, proceed with production.
 - a. If the insert does not press in completely, increase force pressure until desired press is obtained. Increase air pressure in 5 pound increments.
12. Cycle machine again.

NOTE: The full length of the cylinder stroke is not used in most applications. In fact, your air consumption will be less and your cycle times will be shorter, the shorter stroke you use.

SAFETY Warning

-Do not put fingers between driver head and part being assembled.

Maintenance

There is no required maintenance. Use only clean, dry air supply. 85psi max.

C800 Bopper Options List

- C820 - Rotary wheel with manual indexing and variable inserts
 - Rotary table with air assist indexing and variable inserts
 - Foot pedal
- C830 - Custom driver head
 - Dual driver Head
- C819 - Bottle holder
 - Dual bottle holder
 - Bottle holder with hand slide
 - Bottle holder with air slide
 - Dual bottle "V" block
- C819L- Low Profile "V" block
 - Pressure switch "V" block
 - Food grade stainless steel and electroless nickel plating option
 - Column extension for taller bottles
 - Air cylinder extension block
 - PLC (PROGRAMMABLE LOGIC CONTROLLERS)