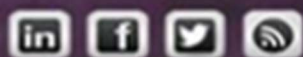


SWAN-MATIC

Bottle Capping Machines & Equipment



C960 "The Bopper" Air Drive Insert Press Manual

 Automation
Devices, Inc.

 The Fork
Rhino™

SWAN-MATIC
Bottle Capping Machines & Equipment



**Vibratory
Feeding
Systems**

C-960 Crimper Press

Thank You for purchasing the C-960 Swan-Matic Crimper and Corking Press. The C960 is proudly built in the USA by Automation Devices in Fairview, PA.

For any technique assistance please feel free to call 814-474-5561.



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Set-up and Operation Instruction

Carefully unpack the machine and any other associated equipment which may be in the container and check for damage. Set the machine on a level surface. Please observe all a safety regulations in your facility. **Do not place fingers between ram head and cap/cork being pressed.**

1. Add oil to air supply oiler on the side of the machine. Use any type of light weight air tool oil. Food grade air tools oils are also permissible. The oiler is located **after** the high pressure air regulator. The fill cap is the small Philips screw on top of the oiler. Fill to the top of the glass bowl. Put cap back on.



2. Before connecting your air please note that the **Ram will move to the up position when air supply is connected.** Connect to clean air supply. Recommended operating pressure is 80psi.
3. **DO NOT** Cycle machine.
4. Loosen head lock handles on each side of the capping head and slide head to upmost position. Slightly tighten lock handles to temporarily hold head in place. Use **CAUTION** when loosening head lock handles, the head assembly may feel heavy to certain individuals.
5. Adjust the high pressure regulator (HPR) knob on **top** of the HPR to 20 psi by lifting (unlocking) and rotating the knob counter clockwise to decrease regulated pressure. **Note:** There are arrows printed in the top of the HPR knob indicating pressure change directions.
6. Place bottle directly under driving ram.
7. Adjust the bottle locator blocks up to the back side of the bottle in a "V" formation. Each locator block can be adjusted left and right in addition to the angle of each can be changed. Tighten down locator bolts.
8. Adjust head down to a position that will place the end of the driving ram approximately .75 inch (2cm) above the non-inserted insert to be press.
9. Tighten handles **firmly**.
10. **Remove** the bottle from the locator blocks.



Continued on next page

11. With the HPR still set at 20psi (minimum setting), cycle the machine. The ram should cycle down when the peddle is depressed, then return when the peddle is released. If the cycle is abrupt or too fast for the operator, adjust the flow control valve; located on the oiler, in a clockwise direction. This will slow down cycle time.

12. Place the bottle under the ram with the insert in place.

13. Place hands away from the bottle, preferably on the table surface.

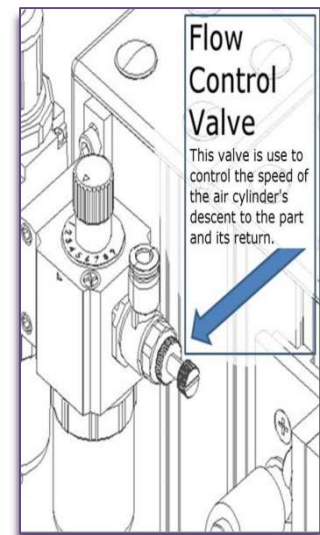
14. With safety glasses on, cycle the machine.

15. It is very likely the ram will touch the insert but not necessarily press it in completely. That's OK.

16. If the insert did not press completely in, turn air pressure up 5psi at a time until the desired result is achieved. To increase down stroke pressure, rotate the HPR knob to the right (clockwise). To decrease down stroke pressure, rotate the HPR knob to the left (counter clockwise).

17. Repeat steps 13-16 until desired results are obtained.

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 with shorter strokes.



Maintenance

There is only one required maintenance item. Add oil to air supply oiler on the side of the machine when low. Use any type of light weight air tool oil. Food grade air tools oils are also permissible. The oiler is located **after** the high pressure regulator. The fill cap is the small Philips screw on top of the oiler. Fill to the top of the glass bowl. Put cap back on.

The oil flow adjustment has a range of 0-10. Swan-Matic machines are designed to run at <1 on the dial. Just below the adjustment knob there is a sight glass. In that sight glass is a drip nipple. There should be a drop of oil on the end of that nipple after cycling the machine several times. After running the machine for an hour or so, you should see or feel a light amount of oil in your airline to the cylinder. You should never see oil dripping from any air cylinders or driving tools.



SWAN-MATIC WARRANTY

Automation Devices, Inc. warrants the materials and goods supplied under the subject customer's purchase order to be as specified and of good quality. No specific time life shall be stated, since the results of good workmanship are of timeless age, and good quality, properly used, shall be self-evident.

This warranty does **not** cover damage resulting from accident, transportation, normal wear of parts, negligent use or misuse of the product, incorrect electrical voltage or current, usage contrary to operating instructions, alterations or repairs by other than Automation Devices, Inc., factory personnel. In the case of transportation damage, please pursue recovery for damage through your freight carrier.

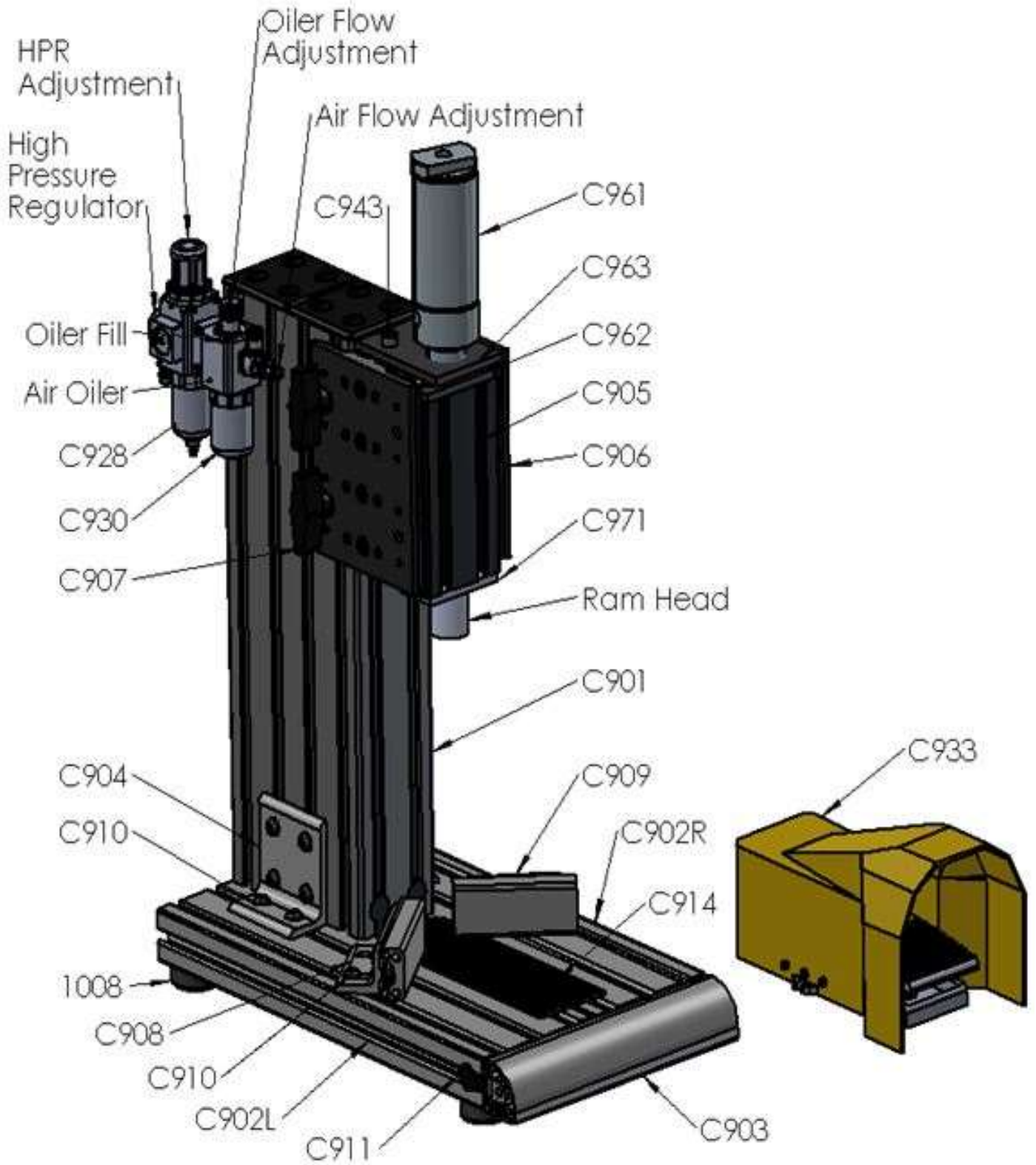
If the product should become defective, we will repair or replace it, at our option, free of charge. This service is available by returning the product to our factory, freight prepaid, and we will return your product to you, freight collect.

This warranty does **not** include cost of inconvenience, damage due to product failure, transportation damage, or the like. This warranty applies only to the physical repair or replacement of the defective goods and specifically excludes any incidental or consequential damages or additional liability thereof. Some states do not allow exclusion or limitation of incidental or consequential damages. This warranty also gives specific legal rights, although you may have other rights, which vary from state to state

C960 Insert Press

1008	Isolator Foot
C901	Main Column
C902L	Base Plate, Left
C902R	Base Plate, Right
C903	Base Plate, Front Rail
C904	Column Support Bracket 6 Hole
C908	V Block Mount Bracket
C909	V Block Back Stop
C910	Bolt Assembly: M8 x 16.00mm Black
C911	Anchor Fastener, Column
C912	Fasteners Push-in Plastic
C913	End Cap Plastic
C914	Tread Strip 10"
C916	T-Nut with Spring 5M-.80
C917	Pneumatic Tubing, Polyurethane, Black, 1/4" OD, per foot
C919	Fitting Elbow 1/4" tube to 1/4" NPT Flow Control
C924	Fitting Straight 1/4" tube to 1/4" NPT
C928	Regulator 20-130psi
C930	Pneumatic Lubricator
C932	T-Bracket Modular
C933	Pneumatic Foot Pedal 4 Way 5 Port
C940	M5-.8 x 12mm SHCS
C946	Street Elbow 1/4" NPT
C947	Quick Disconnect 1/4 M NPT
1046	5/16-18 x 1" SHCS
C905	Slide Block
C906	Unibearing Assembly
C907	40 Series "T" Handle Linear Bearing Brake Kit
C945	5/16 Black-Oxide 18-8 Stainless Steel Washer
C961	Air Cylinder 2" Bore
C906	Unibearing Assembly
C907	40 Series "T" Handle Linear Bearing Brake Kit
C925	Fitting Elbow 1/4" tube to 1/4" NPT
C942	M8-1.50 x 25mm SHCS
C943	M10-1.50 x 20mm FHHS
C962	Mounting Plate Air Cylinder to Slide
C963	Mounting Plate Air Cylinder to Unibearing
C971	Mounting Plate Drive Shell to Slide
HC002	Hand Capper Stud

C960 "The Bopper"



Machine Specifications
C960
"The Bopper"
By Swan-Matic

Cycles per Minute
Down Force
Stroke
Weight
Shipping weight
Finish
Air Supply

Variable Speed 45 cpm max
279lbs @ 100psi
2" inches
20 lbs
30 lbs
Hard Anodize Black
Clean 130psi max

