Operators
and
Machine Maintenance Manual
for the:

"Speedy" Wet Cadet®

and:

BAXA Repeater™ Pump

For Help, Please call 800-727-2543 · fax: 330-698-1254 · Phone: 330-698-4711 · www.euclidspiral.com

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Warning

Turn Main Switch off and unplug machine before any service or repair procedure is started. Make sure machine is unplugged until procedure is complete and machine is completely reassembled.

Machine Maintenance (Speedy)

CAUTION ... with all the switches in the **UP** position the "Speedy" Wet Cadet® will start if the main camshaft and/or Microswitch is turned or tripped. Always turn unit **OFF** and **UNPLUG** before adjusting or repairing!!

Introduction

Once unit is switched on, five minutes warm up is required for the sealing head to reach proper temperature. All service or repair procedures should be completed by authorized trained personnel only.

Should problems or difficulties arise with the operation of the "Speedy" Wet Cadet®, please call the office for assistance.

Set-up

Place unit on a firm countertop. Insert the three (3) 3/8" diameter rods into the cup dispenser. Remove red plastic plug from motor and install drain tube on funnel under turntable. Install the Safety Shield with two screws provided. (Machine will not operate without safety shield properly mounted in place) Plug the cord into any suitable three (3) pronged electrical outlet.

Electrical

The following electrical information is provided to inform user of the necessary outlets and cautions required when servicing the unit.

115 Volts 60 Hz.		220 Volts 50 Hz.
Full load current 6.0 amps		Full load current 4.0 amps
Main fuse 15 amp, #ABC15	or	Main fuse 15 amp, #ABC 15
Heater fuse 10 amp, #ABC 10		Heater fuse 10 amp, #ABC 10

Power Supply Fuse 3 amp, #MDL-3 .... Old style units only.

See Wet Cadet Schematic Diagram, Pg. for circuitry.

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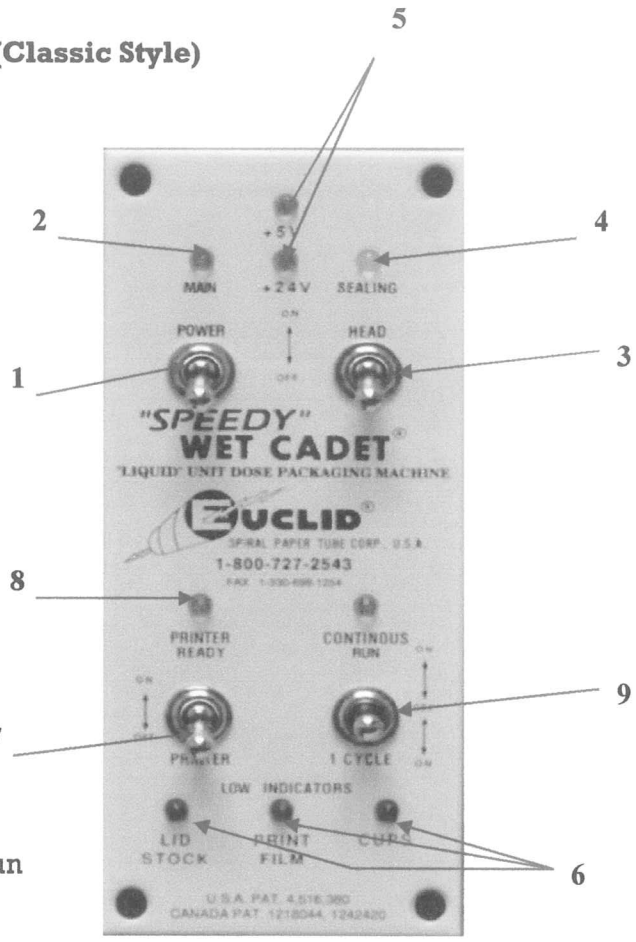
Control Panel (Classic Style)

1. Main Power Switch – Turns packaging machine ON or OFF
2. Main Power On Indicator – Lights when electrical power is applied to machine
3. Sealing Head switch – controls power to the heating elements for sealing head.
4. Sealing – indicator light will flicker on and off during packaging. Light on means unit is heating. Light off means unit is at sealing temperature.
5. Voltage indicator lights (+24V, +5V) indicate power supply is working and producing proper voltage.
6. Low Indicators – Optional – lights when indicated material reaches or nears replacement level.
7. Printer Switch – activates printhead/ computer.
8. Printer Ready – Lights when computer sends information to the printhead and machine is ready to print.
9. Continuous Run/1 machine in continuous run (normal Cycle Switch – controls operation of packaging operation) or single cycle modes, center position off.



Classic Wet Cadet Control Panel above.

Please note ... for machine to operate in continuous run, the following must be ready. no low indicator lights on, cups loaded, pump turned on and ready to dispense. To take machine into continuous run mode, first go down to one cycle and then straight back up to continuous without stopping in the off position.

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Material Splicing

The "Speedy" Wet Cadet® will be received already threaded with Lid Stock. However, it will be necessary to splice a new (master) roll of lid stock whenever the material gets low or runs out on the master roll. Use the following procedure for splicing the lid stock or thermal transfer ribbon;

1. **Remove the outer plastic hub by pulling Straight off** (see figure 1)

> **Note**
> **Do not remove** shaft collar and spring, as this controls material tension and is set at the factory.

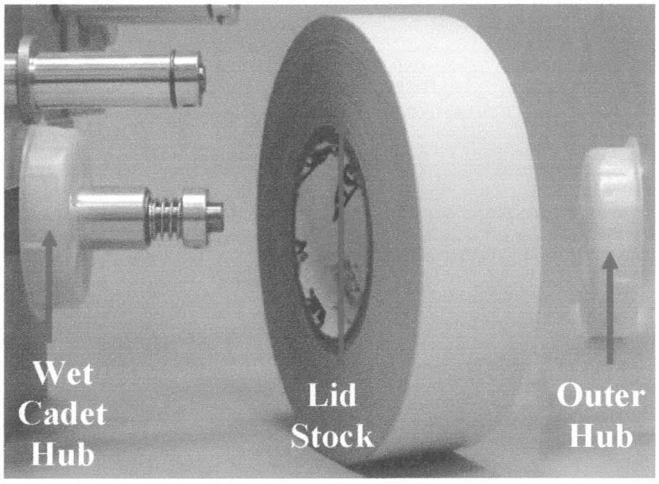

Fig. 1 – Removal of Lid Stock Roll

2. Place a new roll of Lid Stock (master roll) on the remaining plastic hub so that the material unwinds counter-clockwise. **Push second plastic hub in place.**

3. To butt splice material, cut both ends of Material square (see Fig. 2).

> Note
> It is extremely important that the Lid Stock be spliced properly to avoid a major jam of material in the area of the Drive Rolls.

4. Lay a piece of 1" masking tape or equivalent, halfway onto one of the ends (paper side). (see Fig. 2) DO NOT USE scotch tape!

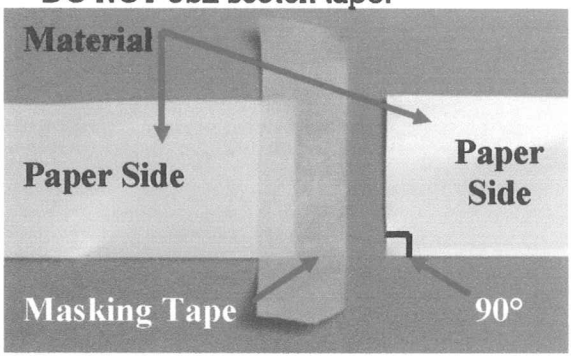

Fig. 2 – Splicing Material

5. Butt the other end against the first piece (DO NOT OVERLAP). Press down firmly onto tape.

6. Trim tape at the edge of the material (see Fig. 3).

> Note
> Do not wrap tape around foil

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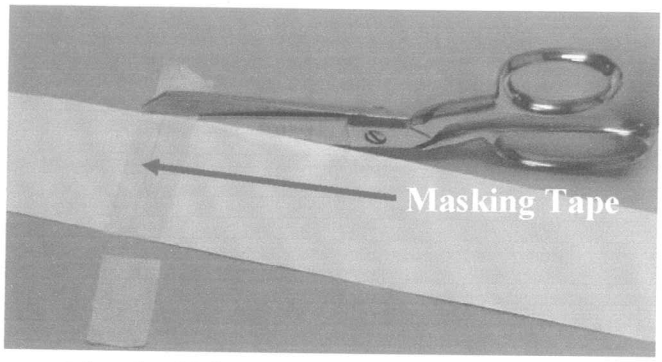

Fig. 3 – Trimming splice joint

7. Re-wind loose material web back onto master roll. There must be tension on the Lid Stock material at all times. If there is little or no tension, the material will walk over the guides and jam in the area of the drive rolls.

8. Use the "1 cycle" button as many times as needed to cycle splice through the drive rolls. To avoid a material jam, make sure that the splice is completely out of the unit before using the continuous run.

Note
AFTER the turntable indexes clear of the sealing area, remove lids when there are no cups in the unit.

Material Jam

If jam occurs:

1. Shut off the continuous run switch, as soon as possible, and wait for the unit to complete a cycle.

See warning at bottom of page...

2. As soon as the unit stops, shut off the main switch and unplug unit.

3. Using a pair of scissors, cut along the insides of the rubber drive roll as far as possible.

4. Remove the jammed material with a pair of needle nose pliers only, through the back of the unit.

5. Rethread Lid Stock.

IMPORTANT NOTICE

Splice all materials carefully and securely to avoid getting stuck in the printhead and or splice coming apart. Do Not let the splicing tape (I.E. Masking Tape) exceed the width of the materials .... If it does, the stickiness of the tape will adhere to the printhead and cause the paper to track off.

Do Not use scotch tape! Be sure to always use masking tape when splicing materials.

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Re-Threading Lid Stock

Please refer to the Threading Diagram that pertains to your unit.

In the event the Lid Stock needs to be re-threaded completely or partially through the "Speedy" Wet Cadet®, the following procedure should be used.

1. Cut the end of the Lid Stock to look like a very blunt arrowhead (see Fig. 4).

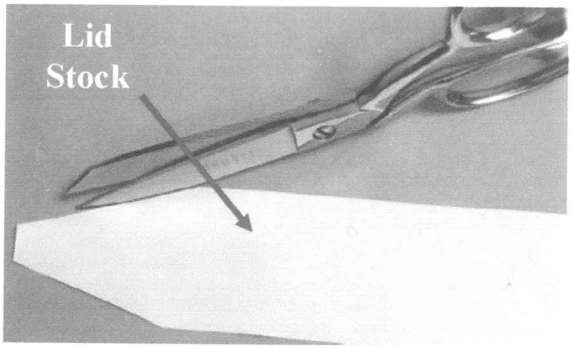

Fig. 4 – Trimming Material

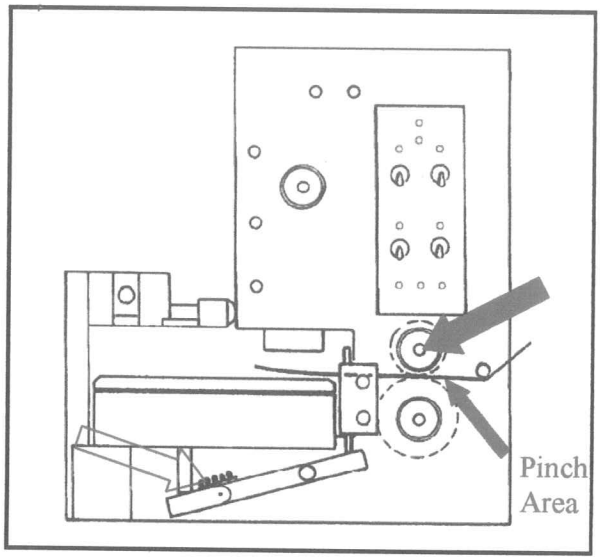

Fig. 5 – Turning the Rubber Roll

2. Start material as close to the center of the drive rolls as possible. Guide the material through the drive rolls, turning the rubber roll counter clockwise by hand (see Fig. 5).

Note
Keep fingers away from PINCH AREA

⇨ Spring Loaded Break-Away Lever ... Spring = Part #1075

3. When drive rolls grab material, take up the slack in the roll by rewinding the master roll by hand.

4. Slowly turn rubber drive roll by hand making sure the material goes through the guides and starts to come out under the sealing head (see Fig. 5).

5. Plug in machine and turn main switch on and use "1 cycle" button to test unit operation. Unit is now ready for operation.

Note

After turntable indexes clear of the sealing area, always remove Lid Stock with pliers when there are no cups in the unit.

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Automatic Cup Dispenser

The automatic cup dispenser will drop the cups into the turntable as the turntable is rotating around. When placing a stack of cups into the cup dispenser, gently lower the stack to the bottom of the dispenser. If the stack is dropped or lowered to quickly, the holding tabs (stainless spring steel) will not hold them. The automatic cup dispenser will hold approximately 1 full sleeve of cups at a time. The three (3) metal rods of the cup dispenser are designed to keep the cups from tilting over and to make sure that they are lined up properly. They are also designed to spread slightly when a new stack of cups are inserted. At the bottom of the cup dispenser there is a set of fingers which push the tabs open and closed in order to release one cup at a time. If a cup hangs up and does not release, check for a deformed up or material inside the dispenser. There is an adjustment to increase the travel of the fingers. This is preset at the factory and should not be adjusted. If adjustment becomes necessary, use traveler button, located in the area between the automatic cup dispenser and the sealing. The traveler button looks like a small mushroom shaped screw, which pushes a roller on the cup dispenser. This causes the fingers to move away from the main unit, open the tabs and release a cup. The stem of the traveler button is threaded and if turned counter-clockwise the stroke is increased. If the traveler button is turned clockwise the stroke is decreased.

Note
DO NOT over-adjust

The entire cup dispenser can be removed by unscrewing the two (2) socket head cap screws at the base of the post (see Fig. 6). This is desirable for cleaning. It may be necessary to remove the two (2) 10-32 button head screws that hold on the cup sensor for heavy cleaning. Generally, you can just swing the cup loader to the side with the sensor still in place.

Warning

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Removal and Replacement of Compression Springs

Replacement of compression springs on the cup dispenser is easily accomplished as follows:

1. Turn main switch on control panel to Off position.

2. Unplug power supply cord.

3. Remove cup dispenser by removing the two (2) cap screws attaching the support Post to the main frame.

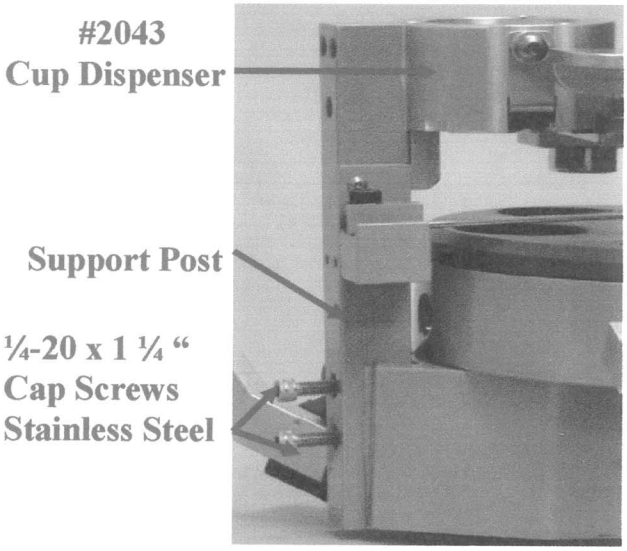

Fig. 6- Removal of Cup Dispenser

Caution
The Push Block (Part #2033) is not attached to the cup dispenser. When the cup dispenser is removed from the frame, Push block may fall from dispenser damaging finger points on block. Caution should be used to prevent these fingers from being damaged causing cup dispenser malfunction.

4. Slide Push Block out of cup Dispenser (see Fig. 7).

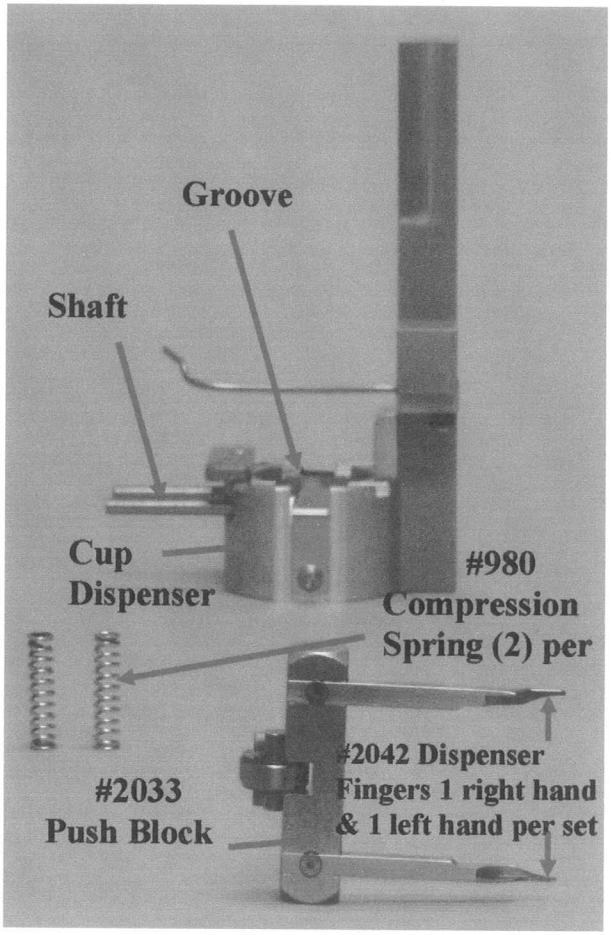

Fig. 7 – Cup Dispenser Exploded View

Warning
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5. Slide Compression springs off shafts of cup dispenser (see Fig. 7).

6. If Spring Tabs are worn, remove from cup dispenser by removing one (1) button head socket cap screw and washer from each Spring Tab (see Fig. 8).

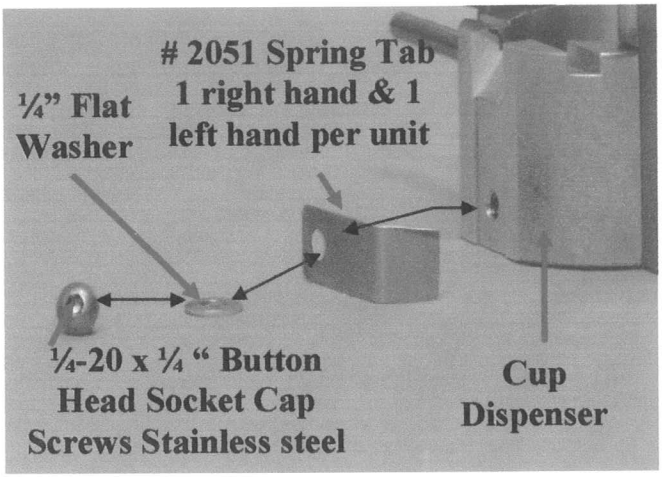

Fig. 8 - Removal of Spring Tab

7. Position new Spring Tab (part #2051) to cup dispenser and attach with button head socket cap screw (see Fig. 8).

> Note
> Angled side of spring tab must be positioned toward compression spring side of cup dispenser for proper operation.

8. Position two (2) new compression sprints (part #980) over shafts of cup dispenser.

9. Align fingers of Push Block with grooves in cup dispenser and slide over shafts.

> Note
> Lubricate grooves of cup dispenser and/or fingers of push block with graphite type lubricant (i.e. Molycote or Never Seez).

10. Carefully position assembled cup dispenser to machine and secure with two (2) socket head cap Screws.

11. Reinstall (if removed) cup sensor to scribe lines with two (2) 10-32 button head screws.

12. Plug in Power Cord.

13. Turn on main power switch.

14. Test for proper operation using "1 cycle" button on main control panel.

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Brake Adjusting Screws

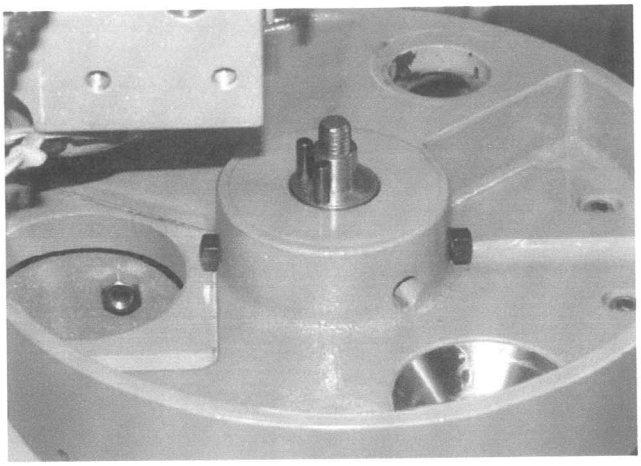

Fig. 9-A Location of Brake Screws

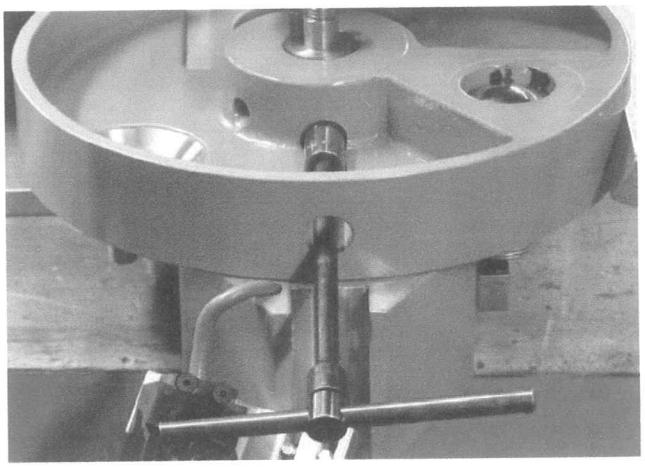

Fig. 9-B Retightening Brake Screws

1. The (2) two square head 5/16-18 brake screws are located in the table casting and are visible if the turntable is removed

2. The (2) two brake screws control the drag/tension of the turntable and there must be drag on the turntable at all times.

3. The machine must be off and unplugged

4. To adjust these (2) two brake screws the cup dispenser with the support post must be removed. (refer to section 4, pg 11, fig.6 in the operators & machine maintenance section of the manual ... VERY IMPORTANT ... read CAUTION directly below fig. 6 before removing.

5. To increase tension turn the (2) two brake adjust screws clockwise...

NOTE:

The (2) two brake adjust screws may appear to be tight, however adjustment can be made by applying pressure clockwise with the "T" handle brake adjusting wrench set supplied with this unit. To make a slight adjustment, do not remove the support post with the cup dispenser. Only adjust the screw that is on the opposite side of the cup dispenser.

Turntable – Remove and Clean daily!!!

1. Turn all switches off and unplug.

2. Remove Blue Kydex Back

3. Turn "Turn Only" block Counter-clockwise until heater is in full up position.

4. Hold table and loosen acorn nut In the center of the table (see Fig. 10).

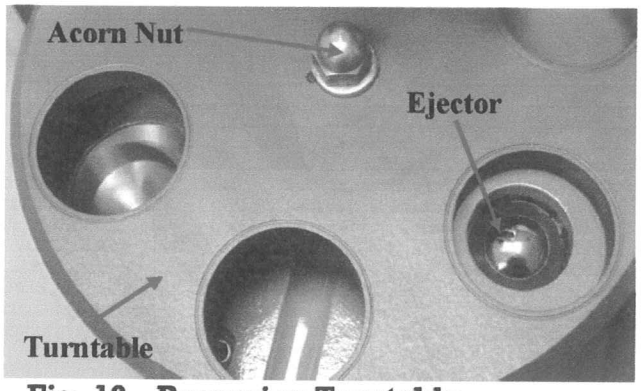

Fig. 10 – Removing Turntable

5. Pull turntable straight up and off. Note: turntable is pinned under washer and cannot be turned.

6. Clean turntable with warm soapy water

7. Reinstall turntable on unit.

8. Hold turntable very tight and tighten nut.

9. Turn turntable by hand clockwise until turntable lines up with etched circle.

10. Turn "Turn Only" block counter-clockwise until middle micro is tripped or pressed. Stop ON Micro.

11. Re-install cup loader assembly

12. Re-install Blue Kydex Back

13. Plug unit in and turn on main switch

14. "1 cycle" machine to check for proper operation before using continuous run.

Warning

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Removal and Replacement of Compression Springs on Sealing Head

If compression springs (see Figures 12 and 16), become worn or defective they must be replaced for proper sealing of medication cups. For removal of springs, a special cut-off wrench is provided for loosening rear stripper bolt to allow sealing head to be freed. Use the following procedure for removing springs:

> Warning
>
> If machine has been in use, sealing head may be hot and could cause burns if not allowed to cool. There is also a possibility of electrical shock if power supply is left attached while working on machine.

1. Turn main switch off and unplug power cord.

2. Remove Cup Dispenser by removing the two (2) socket head cap screws attaching the support post to the main frame.

3. Remove Turntable – Refer to page 14.

4. Remove front cover by removing three (3) 10-32 screws.

5. Remove Blue Kydex Back.

6. Looking Directly into the cavity between the sides of the housing, locate the Sealing Head, Compression Springs, and Stripper Bolts (see Fig. 12).

7. Fabricate a wooden wedge as shown in the diagram (Fig. 13).

8. Insert the wedge between the upper cross brace and the dowel pin Going through the sealing head drive shaft. This will force the sealing head down toward the base of the unit (see Fig. 14).

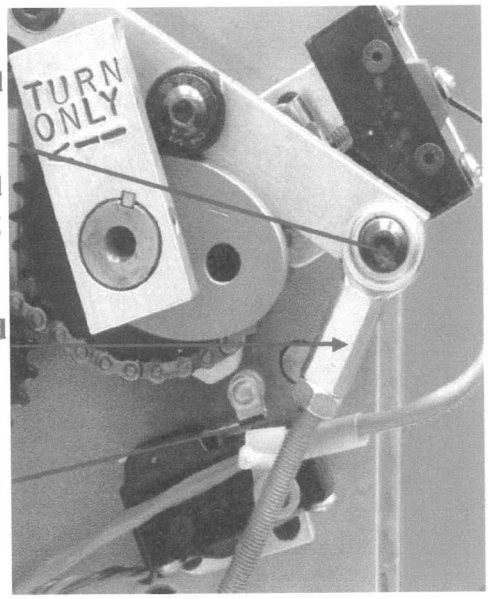

Fig. 11 – Removal of Front Cover

* To adjust turntable ... 1. loosen ¼-28 Hex Nut... 2. Remove ¼-20 x ¾" Button head socket cap screw... 3. turn rod end bearing ½ turn onto screw.... Assemble and check alignment.

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>
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9. Remove the front stripper bolt using the special cut-off wrench provided or suitable socket head wrench. Front and rear stripper bolt must be loosened together (evenly) to avoid binding.

> Caution
> Use care when working with the sealing head To prevent loosening of the wires or damage To bottom surface of sealing head.

10. Loosen the rear stripper bolt using the Special cut-off wrench provided (see Fig. 15).....

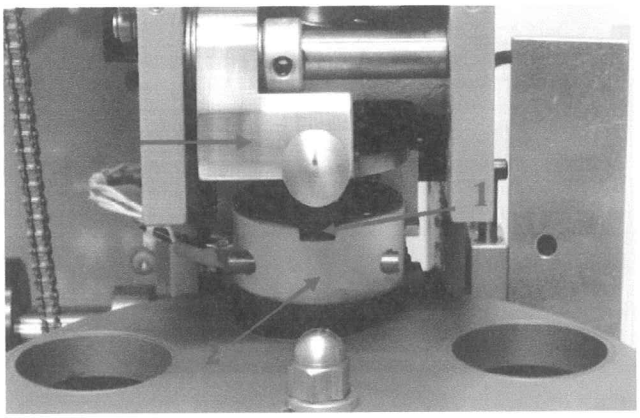

Fig. 12 – Typical View of Cavity

1. # 958 four per unit Compression Spring
2. # 2027 Sealing Head
3. #2029 Cup Dispenser Activating Lever

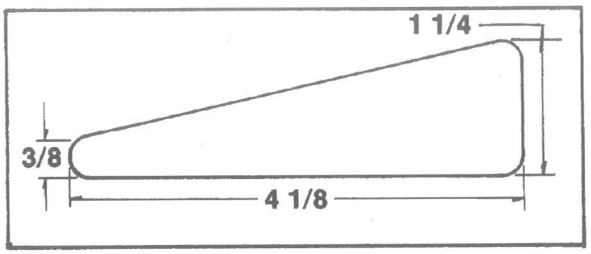

Fig. 13 – Typical Wedge

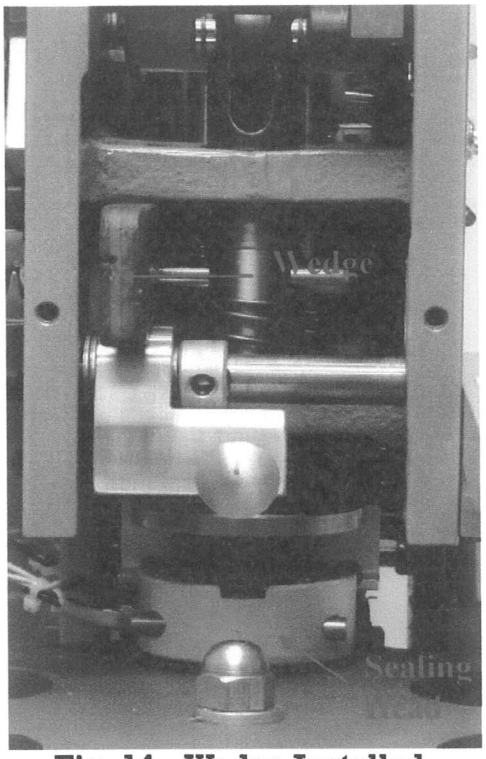

Fig. 14 – Wedge Installed

.... This will allow the sealing head to pivot on the rear stripper bolt and allow compression springs to be removed.

11. Discard old Compression Springs

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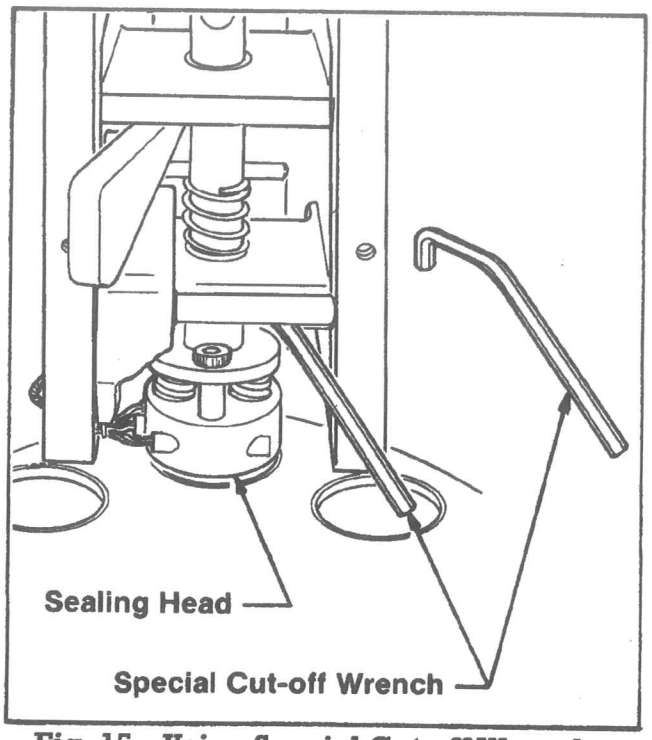

Fig. 15 – Using Special Cut-off Wrench

12. Position new Compression Springs (part #958) Into the holes on top of the sealing head (see Fig. 15).

13. Align sealing head to flange on drive shaft and install front stripper bolt by hand.

14. Tighten rear and front stripper bolts evenly to avoid binding. DO NOT OVERTIGHTEN, Just snug securely.

15. Remove wedge.

16. Install Turntable (see Page 14).

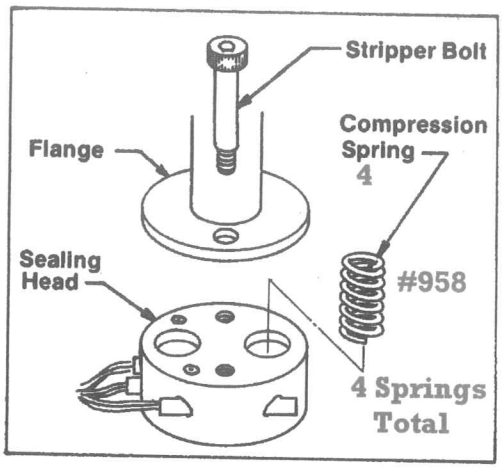

Fig. 16 –Exploded View of Sealing Head

17. Install Front Cover

18. Put Blue Kydex Back Cover on.

19. Install Cup Dispenser

20. Plug in machine

21. Turn on main switch.

22. Use "1 Cycle" button on main control panel to test for proper operation of sealing head.

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Temperature Setting

The temperature control unit has an accuracy of plus or minus a few degrees Fahrenheit. To achieve desired peel seal, set at 500-650° F. To achieve tighter seal, increase temperature. To achieve a seal that's easier to peel, decrease temperature. Five (5) degrees in either direction will make a noticeable difference.

Shown on left – Current Red Lion T16 Temperature Controller

To increase temperature – use the arrow up.

To decrease temperature – use the arrow down.

The temperature shown in red is the current temperature of the machine. The temperature in the green is your current set temperature. Please wait to operate the machine until the temperature has reached the current set-point at least once.

> NOTE
> The "Speedy" Wet Cadet® should not be installed on a line with a compressor (for example refrigerator, air conditioner, etc.), the heating probes and electronic devices in the machine are very sensitive.

Rubber Pad

The cut-off knife should keep its sharp edge from three (3) to five (5) years with normal use. However, the knife will appear to be dull (material will hang together after approximately 75-100,000 doses) when this happens the back-up rubber will have to be replaced. To replace rubber:

1. Turn Main Switch to OFF position and unplug machine.
2. Remove Cup Dispenser (See page 11)
3. Remove turntable (See page 14)
4. Lay unit on its back so the indexing mechanism is visible (see Fig. 17).
5. Disconnect return spring (Fig. 17)
6. Remove two (2) socket head cap screws From the bottom of rubber block (Fig 18).

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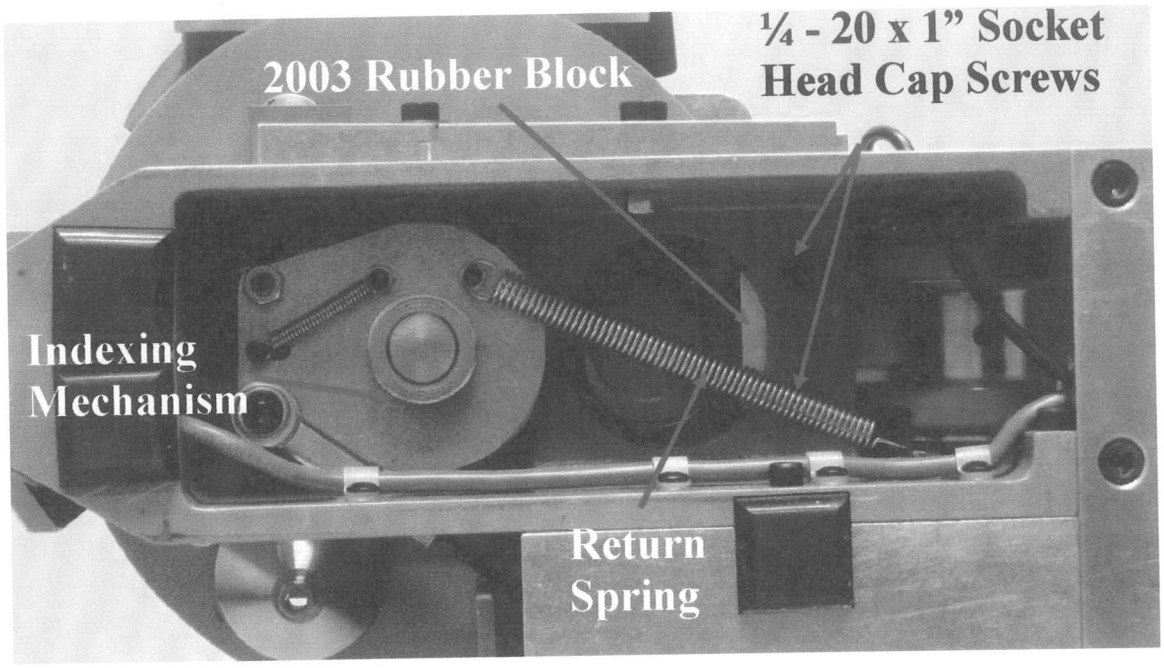


Fig. 17 – View of Indexing Mechanism

7. Remove Rubber Block

8. Mark the exact position of the # 2002 paper guide and remove (see Fig. 18).

9. Replace Rubber

10. Reinstall guide and block. Be sure to position paper between rubber and guide.

11. Position unit in upright position.

12. Reassemble turntable (Page 14).

13. Reassemble Cup Dispenser (Page 11).

14. Plug in Power Cord.

Fig. 18. – Removal of Rubber Block

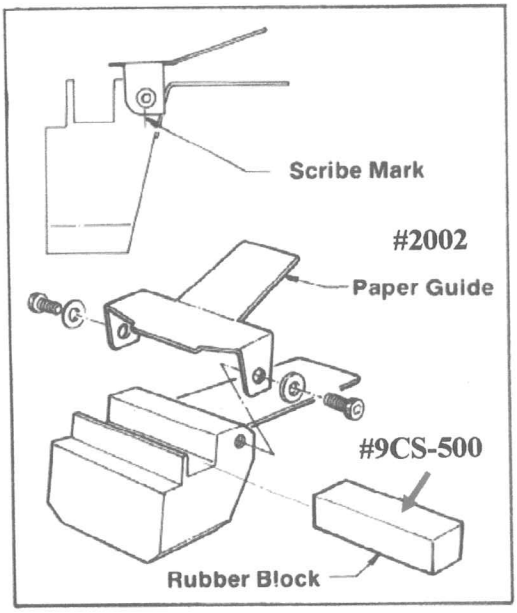


Fig 19 – Rubber Block and Paper Guide

Warning

Turn Main Switch off and unplug machine before any service or repair procedure is started. Make sure machine is unplugged until procedure is complete and machine is completely reassembled

Unit is now ready for operation.

> Note
> When the unit is in operation ... the first 1-10 pieces might hang slightly together, this will be eliminated once the rubber has completely sealed itself.

When cut-off knife must be replaced, use the following procedure:

To Replace Cut-Off Knife:

Be sure to let unit completely cool before attempting to replace the cut-off knife.

1. Turn main switch off and unplug power supply cord.
2. Remove Cup Dispenser (Page 11).
3. Remove one (1) screw from each side Of the cut-off blade holder (see Fig. 20).
4. Carefully slide cut-off blade out of holder.(see Fig. 20)

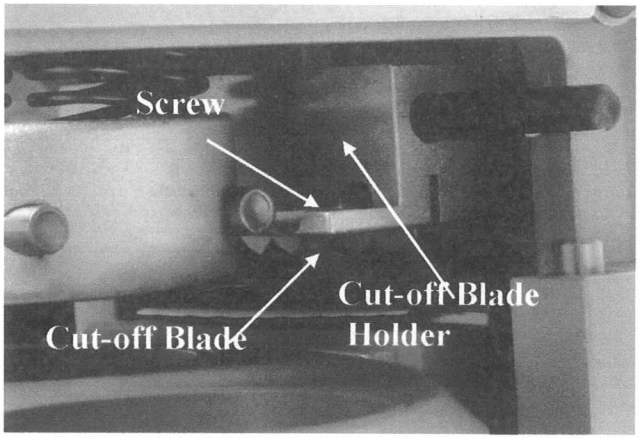


Fig. 20 – Removal of Cut-Off Knife
Shown laying on back.

> Warning
> Cut-off blade is extremely sharp. Use care to prevent personal injury.

5. Carefully slide new cut-off blade (part #2011) into blade holder and Secure with two (2) screws.
6. Reinstall Cup Dispenser (Page 11)

> **Warning**
> Turn Main Switch off and unplug machine before any service or repair procedure is started. Make sure machine is unplugged until procedure is complete and machine is completely reassembled

Maintenance

1. Clean medication spills immediately, especially around the ejector.

2. Clean the sealing head with Brass Cleaning Brush supplied with unit only, while unit is hot but in the off position.

3. Oil Ejector – Monthly

4. Oil chain every (6) months.

Many problems can be eliminated by simply keeping the machine and pump clean. Spilled medications can cause a great deal of problems with moving parts sticking due to the medications.

Warning

Turn Main Switch off and unplug machine before any service or repair procedure is started. Make sure machine is unplugged until procedure is complete and machine is completely reassembled

TYGON® FLEXIBLE PLASTIC TUBING MEDICAL GRADE FORMULATIONS

STERILIZATION PROCEDURES

Gas (Ethylene Oxide):

a. Inspect tubing for cleanliness and evidence of any particle in the lumen. Check for evidence of damage in storage, packing or shipment.
b. Cut tubing with a clean, very sharp edge scalpel or knife by slightly stretching the tubing and avoid a sawing motion. Short, multiple strokes create micro fibers.
c. Rinse the tubing lumen with tap water, to be followed by distilled or Water for Injection or saline solution. Avoid detergents if possible.
d. The lumen should be free of any visible droplets prior to wrapping but need not be forcibly dried.
e. Coil tubing in a large loop avoiding kinks and crossover of tubing on tubing. Wrap in clean muslin or linen and tape or tie the bundle loosely.
f. Follow the specific directions of the sterilization equipment manufacturer as to gas type, concentration, times, temperatures and maintain humidity within the prescribed limits, generally between 30 to 65%.
g. In cases where aeration equipment such as vacuum and drying are prescribed, follow the recommended times for de-gassing to insure against gas retention and reduction of residue, according to limits known to be safe.
h. In cases where aeration equipment is not available or malfunctioning, sterilized package should be stored in a sanitary area and not used for 14 days to permit thorough gas and residue release.
i. It is highly recommended that sterility testing be periodically conducted to insure that all procedures regarding any aspect of sterilization are fully operative.

Steam Sterilization:

a. Inspect tubing for cleanliness and evidence of any particle in the lumen. Check for evidence of damage in storage, packing or shipment.
b. Cut tubing with a clean, very sharp scalpel or knife by slightly stretching the tubing and avoid a sawing motion. Short multiple strokes create micro fibers.
c. Rinse the tubing lumen with tap water, followed by distilled or Water for Injection or saline solution. Avoid detergents if possible.
d. Coil tubing in a large loop avoiding kinks and crossover of tubing on tubing. Wrap in clean muslin or linen, or other approved barrier pack and tape or tie the bundle loosely.
e. Load the autoclave avoiding stacking of heavy objects on the wrapped tubing.
f. Sterilize at 250°F (15 pounds steam) for a minimum of 30 minutes. After autoclave cycle, reduce steam pressure gradually to normal atmospheric pressure and evacuate. Dry heat temperature of no more than 150°F for 2 to 2-1/2 hours will complete the cycle and dry the tubing.
g. Upon removal from autoclave, allow the packs to return to normal temperatures in a sanitary area avoiding stacking or heavy objects on the pack.

Radiation Sterilization:

a. Inspect tubing for cleanliness and evidence of any particle in the lumen. Check for evidence of damage in storage, packing or shipment.
b. Cut tubing with a clean, very sharp scalpel or knife by slightly stretching the tubing and avoid a sawing motion. Short multiple strokes create micro fibers.
c. If tubing is to be rinsed, rinse the lumen with tap water, to be followed by distilled or Water for Injection or saline solution. Avoid detergents if possible.
d. If possible, fabrication or kit assembly should be done in a clean room area.
e. Cap ends, if required.
f. Packaging for sterilization depends on source, gamma or electron beam cycle, required MRad of exposure. U.S. sterility of product tests should be performed to determine radiation dose.
g. Radiation should be per specification for product and GMP.

SAINT-GOBAIN
PERFORMANCE PLASTICS
Saint-Gobain Performance Plastics Corporation
2668 Gilchrist Road, Akron, OH 44305
330-798-9240 • 800-798-1554 • 330-798-9368
www.tygon.com

ISO 9001 Registered

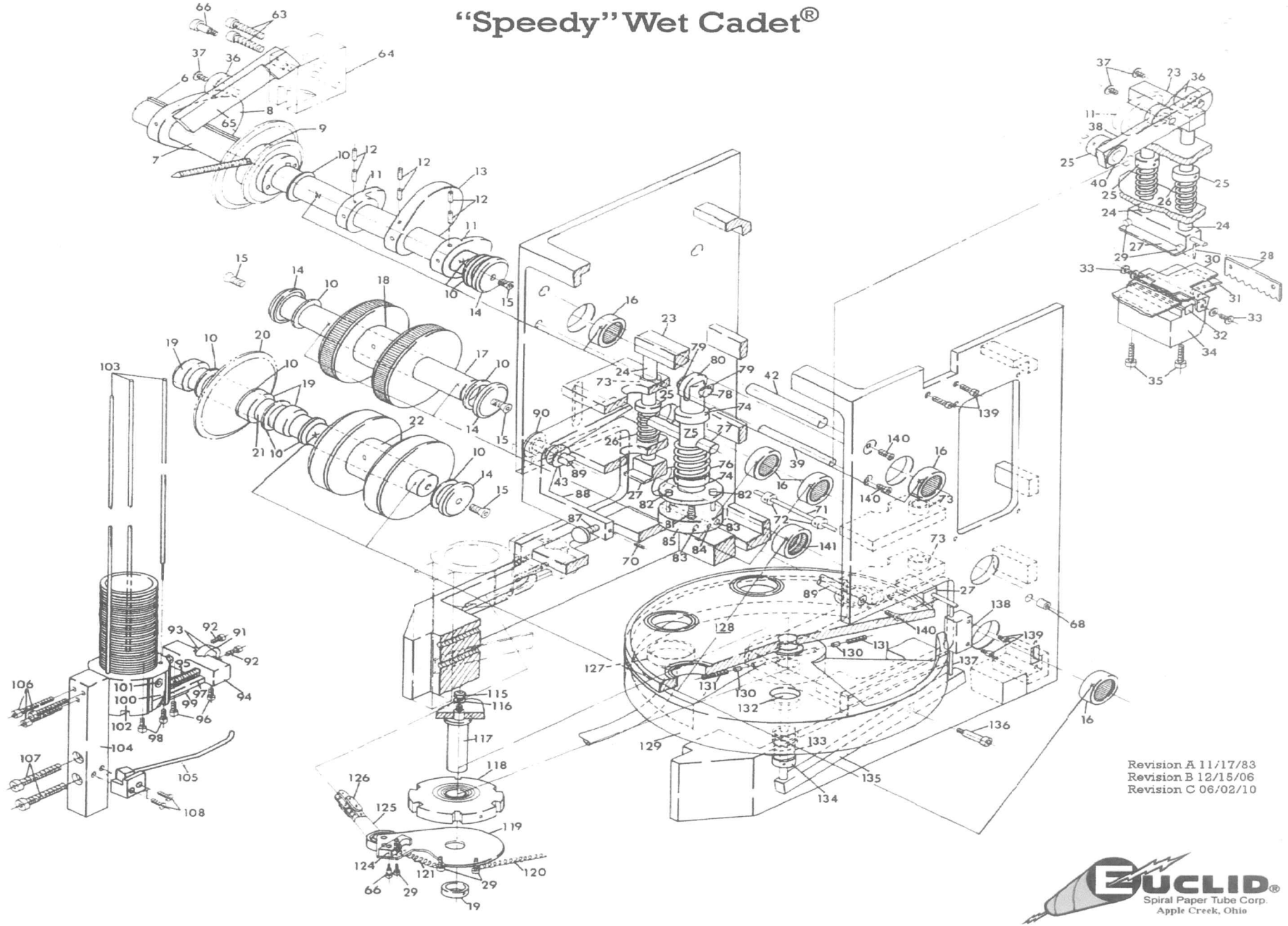
IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

Operator's Notes and Service Record

Warning

Turn Main Switch off and unplug machine before any service or repair procedure is started. Make sure machine is unplugged until procedure is complete and machine is completely reassembled

"Speedy" Wet Cadet®



Revision A 11/17/83
Revision B 12/15/06
Revision C 06/02/10

EUCLID®
Spiral Paper Tube Corp.
Apple Creek, Ohio

WET CADET PARTS LIST

1.
2.
3.
4.
5.
6. Keyway 1/8" Square x 2¾ Long
7. 1047 Main Drive Shaft (Camshaft)
8. 2032 Turntable Index Cam
9. 2041 Dual Sprocket Drive Assembly
10. TRA 1220 Thrust Race
11. 2031 Stamp and/or Cut-off Cam
12. 1/8 Spring Pin
13. 939 Sealing Head Drive Cam
14. 943 1½" Shaft End Cap
15. 1/4"-20 x 1/2" Flat Head Socket Cap Screw
16. B 1212 Needle Bearing
17. 1046 Knurled Roll Shaft
18. 1104(2"), 1104S(1½") Knurled Pull Down Roll
19. 3/4 Shaft Collar w/Lock Screw
20. 36T Clutch Drive Sprocket
21. 1045 Driven Roll Shaft
22. 957(2"), 957S(1½") Silicone Rubber Pull Down Roll
23. 2009 Cut-off Push Bar
24. 2034 Cut-off Drive Shaft
25. 3/8 Shaft Collar w/Lock Screw
26. 985 Compression Spring
27. 2010 Cut-off Blade Holder w/Dowel Pin
28. 2011 Cut-off Blade
29. 6-32 x 1/2 Lg. Soc. Hd. Cap Screw
30. 2002 Paper Guide
31. 2048 Low Paper Guide
32. CS500 Back-up Rubber
33. 6-32 x 3/8 Soc. Hd. Cap Screw w/Washers
34. 2003 Cut-off Support Block
35. 1/4-20 x 1¼" Lg. Soc. Hd. Cap Screw
36. CYRS 3/4 Camroll
37. 1/4-20 x 3/4 Lg. Button Hd. Soc. Cap Screw
38. 2008 Cut-off Drive Lever
39. 2039 Cut-off Support Shaft
40. TRA-613 Thrust Race
41.
42.
43.
44.
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51. 1/4 x 1 Stripper Bolt
52. 860 Return Spring
53. 10-32 x 1/2 Lg. Soc. Set Scr. Flat Point
54. 10-32 x 1/2 Lg. Button Hd. Soc. Screw
55. 1/4-20 x 3/4 Lg. Flat Hd. Soc. Cap Screw
56. 6-32 x 3/4 Lg. Flat Hd. Soc. Cap Screw
57.
58.
59.
60.
61.
62.
63. 1/4-20 x 1¼ Soc. Hd. Cap Scr.
64. 2049 Index Lever Block
65. 2026 Table Index Lever
66. 1/4 x 1/2 Lg. Stripper Bolt
67.
68.
69.
70.
71.
72.
73. P38-4 Bushing
74. AA-1008-09 Bushing
75. 950 Sealing Head Drive Shaft
76. 856 Compression Spring
77. 3/8 x 3 Dowel Pin
78. 975 Camroll Shaft
79. 5100-50 Snap Ring
80. 954 Sealing Head Drive Shaft Camroll
81. 958 Compression Spring
82. 1/4-3/4 Stripper Bolts
83. 1/4 x 2.00 Heating Cartridge
84. Sensor (Temperature)
85. 2027 Sealing Head
86.
87. 2036 Traveler Button
88. 2029 Cup Dispenser Drive Lever
89. 2030 Cup Dispenser Drive Lever Shaft
90. TRA 812 Thrust Race
91. R622 Roller Bearing
92. 6-32 x 1/2 Lg. Soc. Hd. Cap Screw (Stainless Steel)
93. 2050 Bearing Pin
94. 2033 Push Block with Bushings
95. 980 Compression Spring
96. 6-32 x 1/2 Lg. Flat Hd. Soc. Cap Screw
97. 2042 Dispenser Fingers
98. 10-32 x 1/2 Lg. Flat Hd. Soc. Cap Screw
99. 2047 Guide Plate
100. 2051 Spring Tab
101. 1/4-20 x 1/4 Lg. w/Washer (Button Hd. Soc. Cap Screw)
102. 2043 Dispenser Housing
103. 2044 Guide Rods
104. 2045 Post
105. 2046 Ejector Guide
106. 10-32 x 1.00 Lg. Soc. Hd. Cap Screw
107. 1/4-20 x 1¼ Lg. Soc. Hd. Cap Screw
108. 6-32 x 1/4 Lg. Button Hd. Soc. Cap Screw
109.
110.
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112.
113. 1/4-20 x 1/2 Lg. Soc. Set Screw
114. 1/4-20 x 1.00 Lg. Soc. Hd. Cap Screw
115. 3/8-16 Acorn Nut
116. 3/8 Flat Washer
117. 2017 Turntable Drive Shaft
118. 1117 Index Gear
119. 972 Index Plate
120. 857 Extens on Spring
121. 862 Latch Return
122.
123.
124. 971 Latch
125. 1/4-28 Rod End Bearing
126. Index Chain Assembly
127. Funnel
128. 2007 Turntable
129. 2053 Table
130. 2054 Brake Plug
131. 5/16-18 x 3/8 Lg. Soc. Set Screw
132. 2055 Ejector Shaft
133. 986 Compression Spring
134. 1/2 Step Shaft Collar
135. 2056 Ejector Lever
136. 3/8 x 1/2 Stripper Bolt
137. 2057 Ejector Rod
138. 2058 Ejector Block
139. 1/4-20 x 1/2 Lg. Soc. Hd. Cap Screw
140. 1/4-20 x 3/4 Lg. Flat Hd. Soc. Cap Screw
141. RCB-121616 Clutch Bearing
142.
143.
144.
145.
146.
147.
148.
149.
150.
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For Help, Please call 800-727-2543 · fax: 330-698-1254 · Phone: 330-698-4711 · www.euclidspiral.com

Warranty

We guarantee this machine to be free from defects in material, workmanship and on service for 1 year from the date of receipt, subject to the following conditions:

1. No repairs or service shall be done by any unauthorized persons
2. Normal maintenance as described in service instructions shall be provided.
3. Units needing repair shall be returned to E.S.P.T. Corp.
4. This warranty card must be filed within 30 days of receipt, or warranty is voided.

Under the terms of this guarantee we will repair or replace, at our option, necessary parts or the whole unit, without charge to the purchaser. Transportation to and from our plant will be at the purchaser's expense. There is no oral or implied warranty of merchantability or fitness for a particular purpose other than the warranty granted herein.

Euclid® Spiral Paper Tube Corp. – USA
To Reorder:
1-800-727-2543
FAX: 330-698-1254
330-698-4711

EUCLID® Spiral Paper Tube Corp.
339 Mill St., P.O. Box 458, Apple Creek, Ohio USA 44606

Cut Along Dotted Lines

Warranty Registration

Name _____ Title _____
Facility or Company _____
Street Address _____ Rm# or Dept. _____
City _____ State _____ Zip Code _____
I heard about Euclid® Spiral Paper Tube Corporation
From: ☐ Advertising ☐ Phone Call ☐ Bid ☐ Web Search
Type of equipment _____
Date of Purchase _____
Serial No. _____ Receipt Date _____
Accessories _____
Number of beds serviced _____ System Used _____
Do you own other
Packaging equipment? ☐ Yes ☐ No ☐ Solids ☐ Liquids
If so, what make and model(s) _____
Comments _____
_____