440 Cut-to-Length Strap Dispenser

SOLID STATE

Operating Manual/Spare Parts List

CGXA585852

Distributed By:
Allstrap
1719 Kenny Rd
Columbus, OH, 43212

Revision B - 12/27/2007

Acme Distributor Sales

Cut-to-Length Strap Dispenser

Solid state control with continuous LED readouts for the strap length and strap count, cycle hold feature to check strap length and a reset feature that recalls the original strap count without resetting the display, all provide for ease and flexibility of operation. The membrane type touch pad seals out dust and dirt, extending service life, while providing positive data entry.

Options and Optional Equipment

- **Round Cut Strap Ends (includes Die Set and Strap Ejector device) Minimizes risk of injury from sharp square cut ends**
- **Plastic Strapping (includes grip type Feed Wheel, precision strap Guides and reel extension)**
- **16" Legs with Swivel/Locking Casters**
- **Pneumatic Tires and Lift Handles makes transporting the 440 to and from and around the job site or your plant very easy (not shown)**

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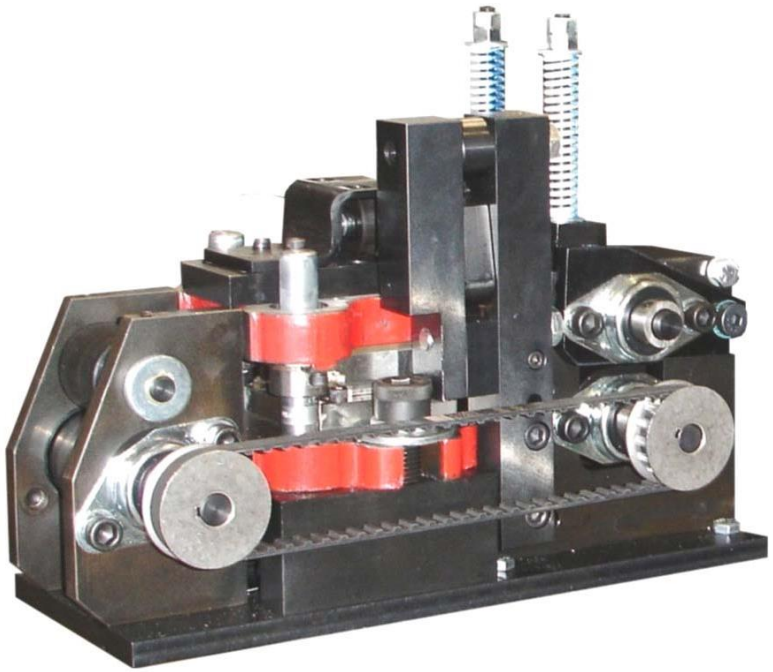
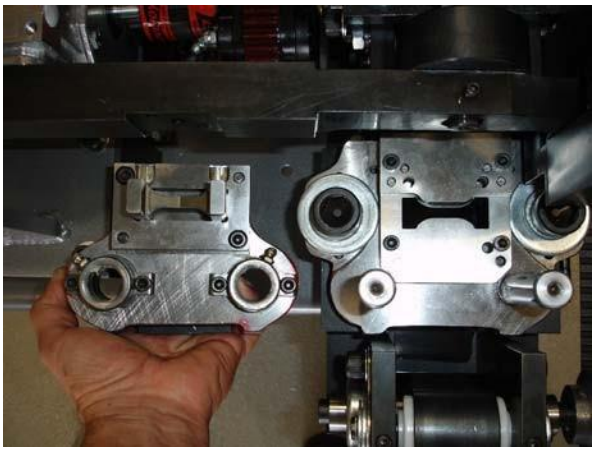
OPTIONAL EQUIPMENT

1 ¼” and 2” Safety Cut Strap End and Ejector Assembly





Heavy Duty Punch &Die Set

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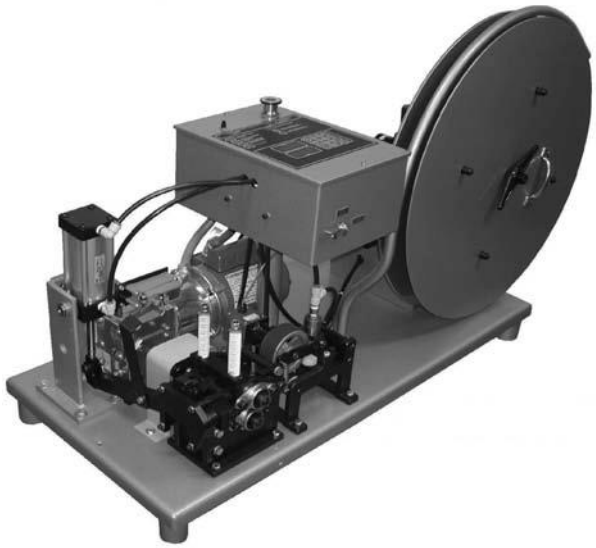
The Automatic Cut-To-Length Strap Dispenser

For The Best Results From Your Cut–To-Length Dispenser, Read This Manual Thoroughly Before Operating.



GENERAL INFORMATION

The standard Cut-To Length Dispenser is shipped completely assembled, lubricated, adjusted and ready to load and operate. It requires a 110 volt, single phase, 60 cycle electrical supply for the 1/3 HP gear Motor, that dispenses the strap, and a compressed air supply of 80 PSI for the strap cutting and braking systems.

The Cut-to Length dispenser is named for what it does. It holds and unwinds standard coils of steel strapping, automatically measures the strap and cuts it off. It produces cut-to-length strap at 100 feet per minute, on strap sizes from 3/8" x .015 to 2" x .050, from ribbon wound or oscillated wound coils with a 16" inside diameter x 28" maximum outside diameter. With optional, factory supplied, components this dispenser can also be made to produce 'round cut' strap ends or it can cut-to-length plastic strapping material.

GENERAL SPECIFICATIONS

Dimensions: **21"W x 52"L x 48"H**
Shipping Wt.: **450 lb**
Air: **80 psi /2.2 CFM per cycle**
Electricity: **Single phase 11OV, 60HZ**
Dispensing Rate: **100 feet per minute**
Strapping: **Accepts 3/8 x .015-in to 2 x .050 inch Steel Strap; ribbon-wound or oscillated coils, 16" ID x 28" OD (max)**
Strap Length: **1"to 100'**
Quantity: **1 to 999 pieces per setting**

OIL and GREASE SPECIFICATION

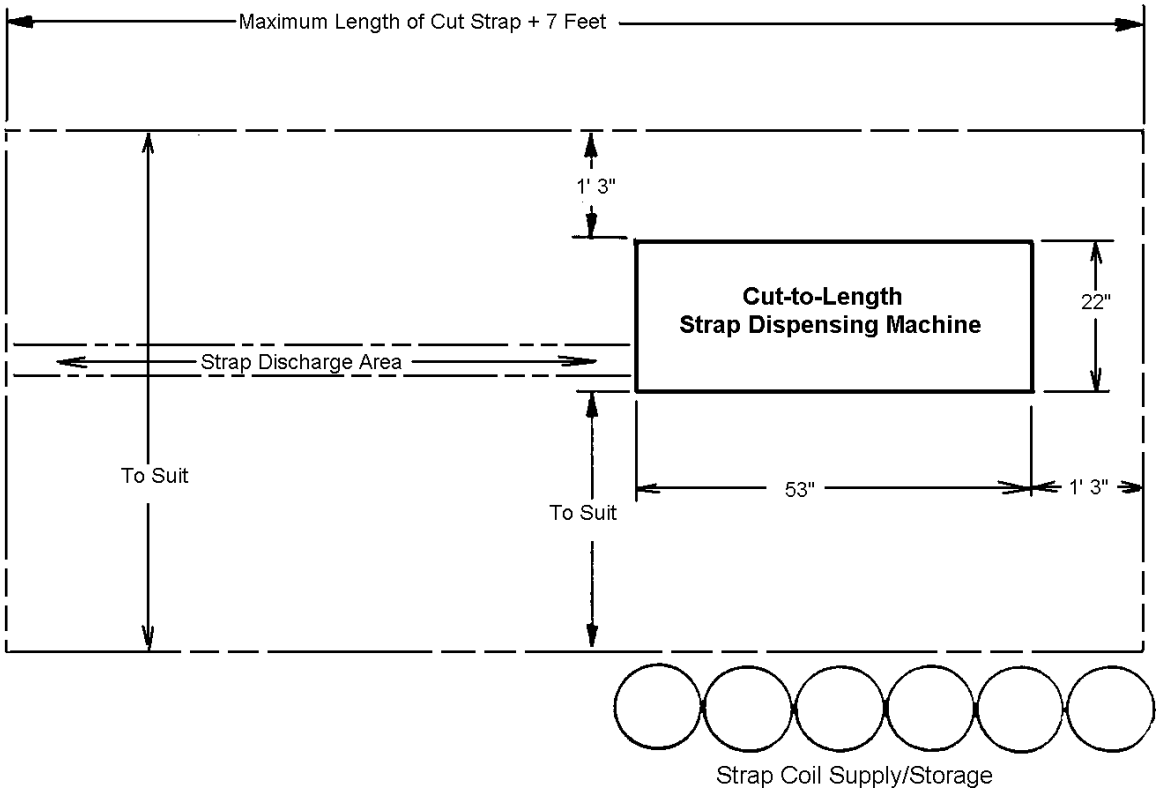
Keep air lubricated filled with Shell Tellus #27 or equal.
The grease applied to all grease fittings should be Shell Alvania #2 or equal.
Gear motor oil – service and change per manufactures recommendation.
We recommend the use of powdered graphite for all steel and fiber gears.

Revision A, 7/18/2007

INSTALLATION – FLOOR LAYOUT

The Cut-to-Length Strap Dispenser is typically located where it serves the most users of the cut strap with the least re-handling of the cut material. Access to the dispenser should be open, not only for the removal of cut material, but for the delivery and loading of the coiled strap. The sketch below shows suggested minimum space requirements. The dispenser is usually placed on the floor, no anchorage is required. The dispenser may be placed on a frame or bench to raise it above floor level. Optional legs with locking casters are also available. Good base support is important to ensure proper machine operation and maximum safety.

A channel or trough is recommended at the strap discharge area of the dispenser to confine the cut pieces of strap.



Revision A, 7/18/06

INSTALLATION - ADJUSTMENTS

1) Insert the electrical plug into a 110 volt, single phase, 60 hertz, alternating current outlet. Any other voltage will damge the equipment.
2) Connect the air line to the filter, regulator, lubricator.
3) Set the regulator at 80 P.S.I. for all strap sizes. Fill Lubricator and adjust for one (1) drop of oil every 5 to 6 cuts/cycles. Check filter daily.
4) Adjust the Guide Roller Assemblys by removing and reposistioning the rollers into the appropriate holes to match the strap width being used.

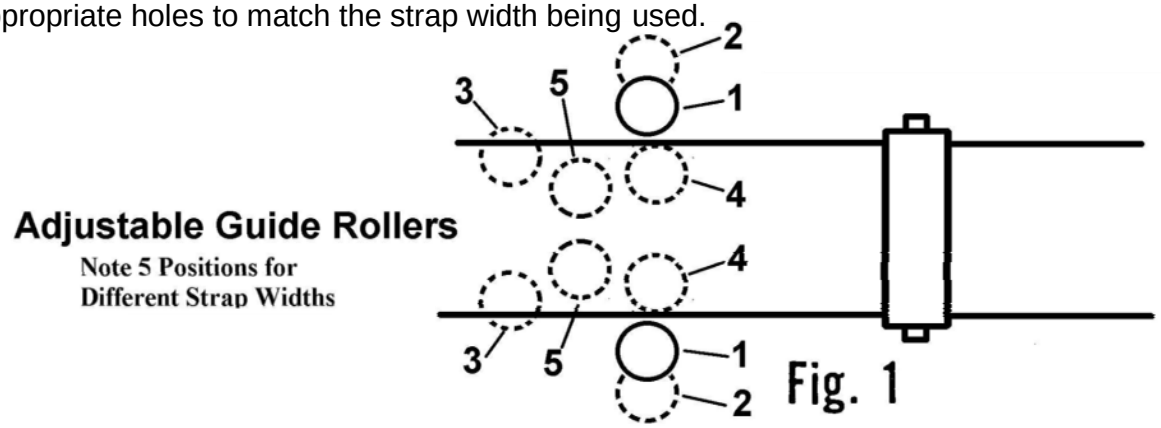


Fig. 1

5) Adjust the Fixed Disc of the strapping reel for ribon wound coils of 3/4” and 1 1/4” strap. Place the spacers between the hub on the reel shaft and the back side of the fixed disc. Use the 5/8”spacers for 3/4” wide strap and the 3/8” spacer for 1 1/4” wide strap. No adjustment is required for 2” wide strap or osilated wound coils of 3/8” to 3/4” steel strapping.

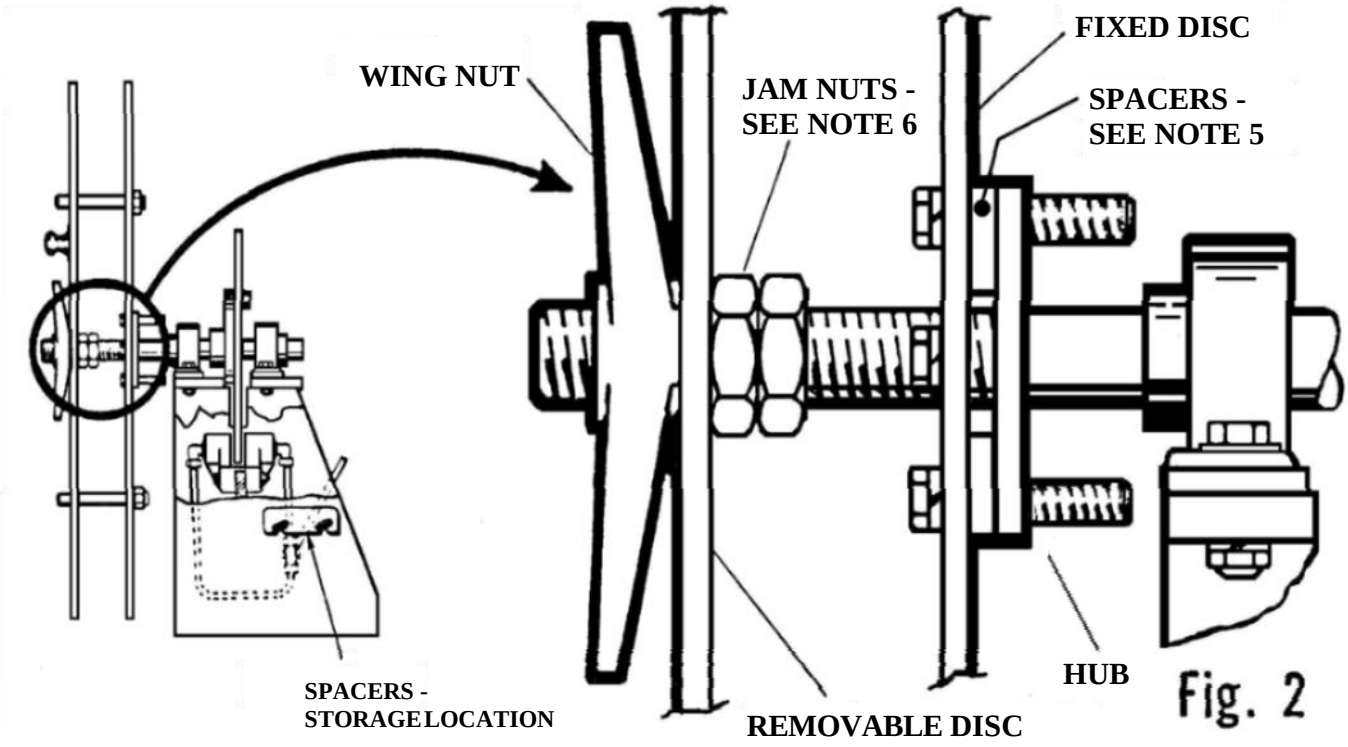


Fig. 2

6) Adjust the Removable Disc of the strapping reel. Remove the disc, adjust the posistion of the two Jam Nuts to suit the width of the strap coil (see figure 2).
7) Adjust the Curverd Guard (not shown). Lossen the four bolts at its base and center the guard between the two reel discs.Retighten bolts at base.

OPERATING THE DISPENSER

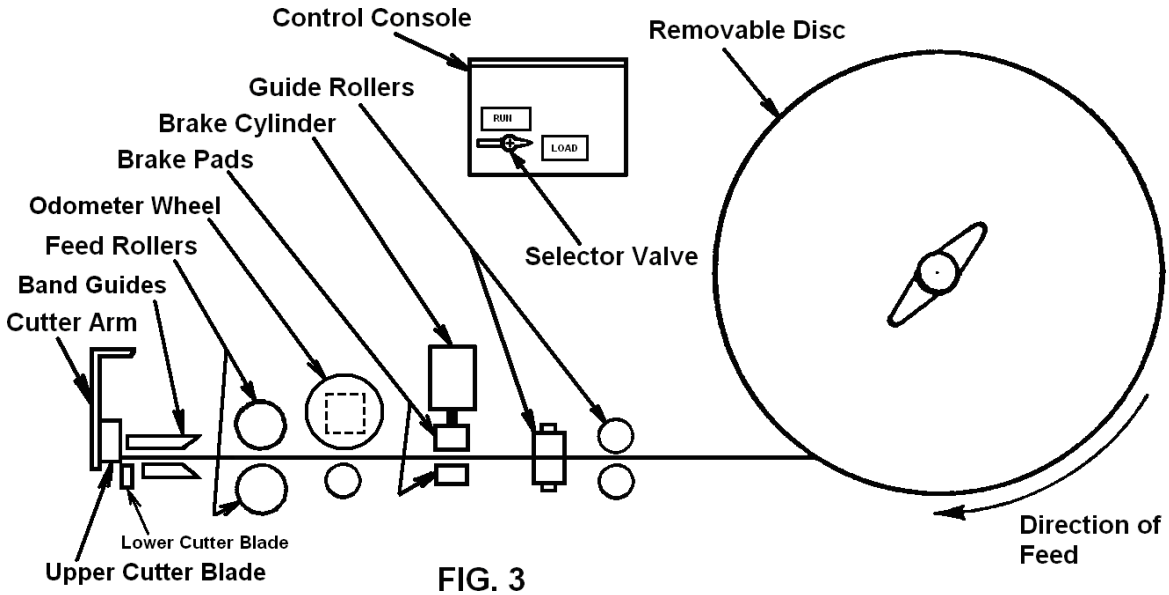


FIG. 3

1. Remove disc locking nut and removable disc.
2. Place a coil of strap on the reel so that the strap feeds clockwise. Cut off any bent section of strap from lead end of coil.
3. Replace removable disc and locking nut.
4. Turn valve on the side of the console to “LOAD”.
5. Feed strap through the guide rollers, between the braking pads, between the odometer wheel and its back up roller, between the feed rollers, through the band guides and up to contact with the upper cutter blade in the cutter arm. **(Refer to FIG. 3)**
6. Turn the selector valve on the side of the control console to the “RUN” position.
7. Pull the “power on” switch to UP/ON position. Top line of the display shows “d440”, second line shows “HELLO”.
8. Select the number of straps you want by pushing the **“COUNT”** button on the operator control pad.
9. Enter the count number by pushing the appropriate numbers on the key pad.
10. Press the **“HOLD”** button, the display will show how many pieces of strap you have selected.
11. Select the length of the strap by pushing the **“LENGTH”** button on the operator key pad.
12. Enter the length number, in feet, by pushing the appropriate numbers on the key pad.

(Note, press the **“CLR”** button at any time during steps 9 or 12 to clear the numbers you entered)

13. Press the **“HOLD”** button, the display will show how many pieces of strap and the length that you have selected.
14. Press the **“RUN”** button to begin dispensing and cutting the strap.

When the automatic cycle is completed the unit stops and the “count” display will show “0000”, pressing the **“REC”** button will recall the original Count and Length settings.

Pressing the **“HOLD”** button while the machine is running will stop the automatic cutting cycle after the next cut operation is completed. Operation can be resumed by pressing the **“RUN”** button.

If a coil runs out before the automatic cutting cycle is complete, push the main power button to off (down) Install a new coil of strap and repeat the count and length entry as described above to enter the remaining cut lengths of strap you require.
Push the main power button to “off“when the dispenser is not being operated. This button also serves as an emergency off and power disconnect.

MAINTENANCE

CLEANING AND MAINTENANCE OF THE 440 EQUIPMENT

- Frequently blow off the entire machine with clean, dry, compressed air. As a minimum, it is recommended that this be done at the beginning and or end of every shift. Particular attention should be paid to the guide roller and feed and cutter head assemblies, the strap path through the machine.

- Scrape the feed rollers or use mineral spirits to clear any build up wax that may accumulate on them.

- Lubricate the two drive gear grease fittings on the Feed and Cutter Head assembly every two weeks.

- Lubricate the two grease fittings in the reel stand every 6 months.

- Change the gear motor oil after the first two weeks of operation. Thereafter, change the oil in the gear box every six months. Use Mobil type SHC-634 oil or equivalent.

ADJUSTMENTS

IN ADDITION TO THE REEL SPACERS AND THE GUIDE ROLLERS THERE ARE TWO OTHER ADJUSTMENTS:

1. Feed Roller Tension – adjust by means of the lock nuts over the die springs.

2. Air Pressure.

Important Note: Control Unit

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN OF THE CIRCUIT BOARD/CONTROL UNIT, DO NOT ATTEMPT TO REPAIR THE BOARD OR THE OLDER CONTROL UNITS.

- For machines that have the current solid state control board (see page 5a, FIG.1), for warranty issues, disconnect the board only and return to the factory for replacement/repair.

- For machines that have the old style solid state control board (see page 5a, FIG.2), remove the entire top of the control box, disconnect and tag each wire, and return the entire top to the factory for repair.

- For machines that have the old style electro/mechanical controls (see page 5a, FIG.3) consult with factory for complete information to retro fit the new solid state controls.

CONTROL UNIT IDENTIFICATION

Current Control Box Cover and Solid State Control Board.

Approx. S/N 4201 and Higher (See Note)

Operators View **Back View**

FIG.1

Note: Many machines with Serial Numbers below 4201 have been converted to the current solid state control board shown above.

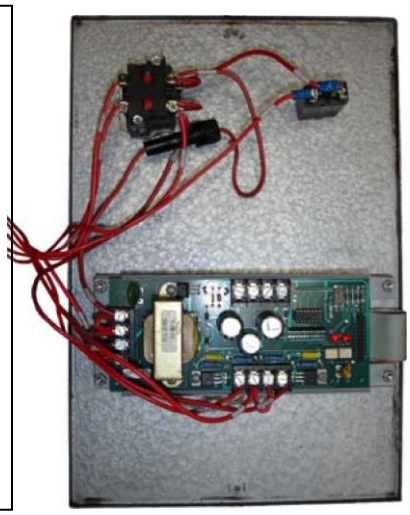
Control Box Cover and Old Solid State Control Board.

S/N 3570 to @4200

Operators View **Back View**

OBSOLETE

FIG.2



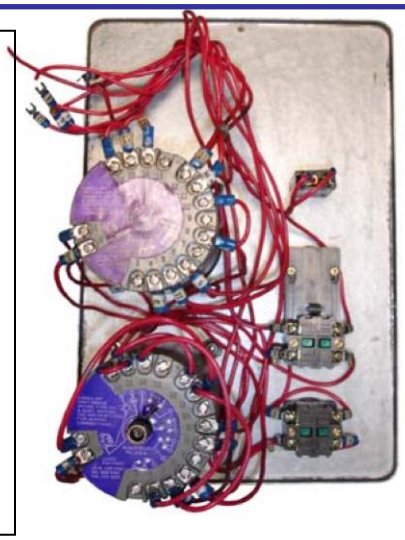
Control Box Cover with Electro/Mechanical Controls

S/N 3569 and Below

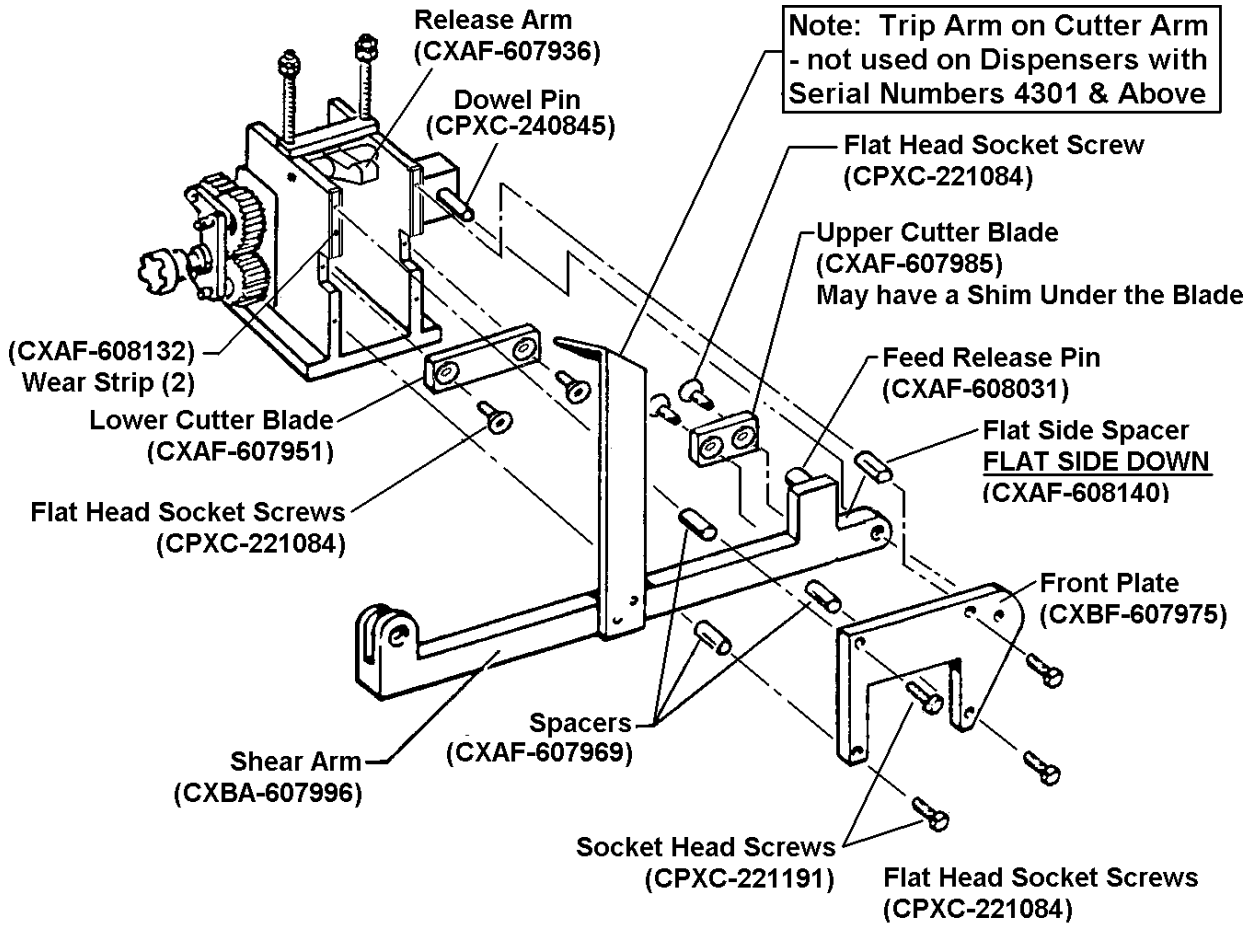
Operators View **Back View**

OBSOLETE

FIG.3



CUTTER BLADE REPLACEMENT



SEE PAGE 12 FOR DETAILS

REVERSING OR REPLACING CUTTER BLADES

1. Disconnect Air and Electric Power from the Dispenser Unit.
2. Remove 4 Socket Head Screws CPXC 2211911
3. Remove Front Cover Plate CXBF-607975 and the 3 Spacers CXAF-607969 and the 1 spacer CXAF-608140 with the flat. Note where the spacer with the Flat goes.
4. Swing Shear Arm forward to access the Cutter Blades. At this point the pivot hole will come off the Dowel Pin Shaft.
5. Remove the 2 Flat Head Socket Screws CPXC-221084 on Shear Arm.
6. Remove the Upper Cutter Blade CXAF-607985, and if there is a Shim, save it. Examine the blade to see if there are still any sharp edges. If so, go to Step 7. If not, a new blade must be purchased, then go to Step 8.
7. The Upper Cutter Blade has 4 Cutting Edges. Turn this Blade to position a Sharp Edge on the BOTTOM and Facing the Lower Cutter Blade.

CUTTER BLADE REPLACEMENT

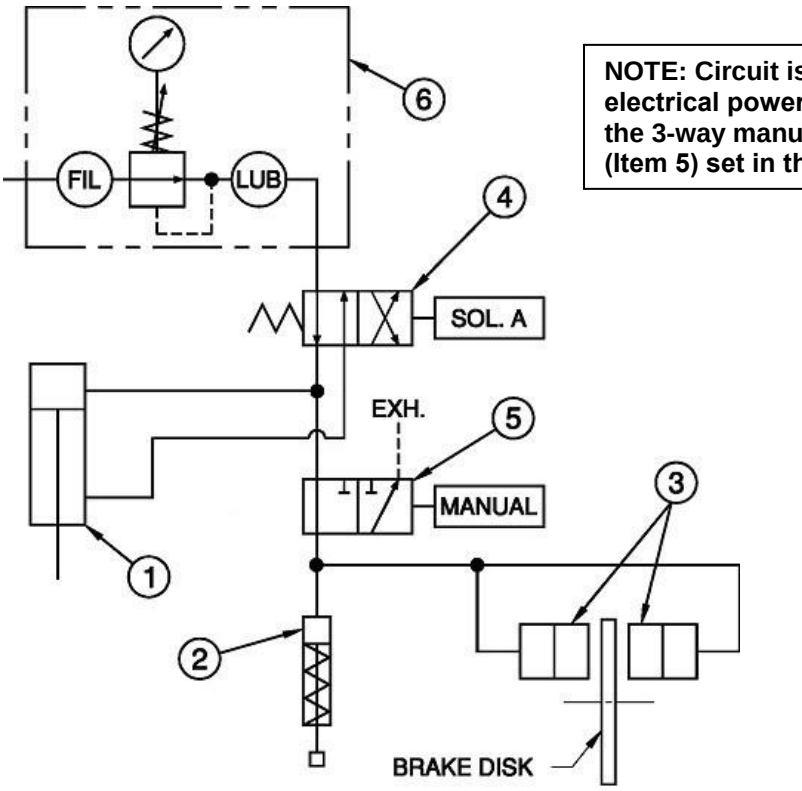
8. Insert Upper Cutter Blade into the pocket on the Shear Arm with the existing Shim behind the Blade, and then fasten with the Flat Head Socket Screws. Tighten the Screws securely.
9. Remove the 2 Flat Head Socket Screws CPXC-221084 holding the Lower Cutter Blade.
10. Remove Lower Cutter Blade CXAF-607951 and examine to see if there are still any sharp edges. If so, go to Step 11. If not, a new blade must be purchased, then go to Step 12.
11. The Lower Cutter Blade also has 4 Cutting Edges. Turn this Blade to position a Sharp Edge on the TOP and Facing the Upper Cutter Blade.
12. Insert Lower Cutter Blade into the Notches on the Feed and Cutter Frame Side Plates, then fasten with the Flat Head Socket Screws. Tighten the Screws securely.
13. **Re-Assemble**:
    - Swing the Shear Arm back so that the Cutter Blades are against each other and fit the pivot hole onto the Dowel Pin Shaft.
      - *NOTE: Be sure to Place the Feed Release Pin CXAF-608033 on the top of the Release Arm CXAF-607936*
    - Re-mount the Spacers and Cover Plate with the Socket Head Screws.
      - *NOTE: The Flat Side Spacer CXAF-608140 goes on TOP and nearest the pivot hole, with the FLAT SIDE DOWN –* ***Rotate the Shear Arm UP against the Spacers flat to make sure that the arm can be raised to its maximum, then tighten the Screw at this Spacer****.*
    - Tighten the other 3 Screws securely.

CHECKING THE GAP

G1. If either of the Cutter Blades is *new*, their thickness may be slightly different from the old Blade. If so, the Gap between the Upper and Lower Cutter Blades may also be different.
    - The Gap between the Upper and Lower Cutter blades should be between 0.0025” and 0.0035” for proper cutting (0.0020” and 0.0030” for Stainless Steel). Check this with a Feeler Gauge.

G2. If the Gap is not within this range, the Upper Blade must be removed again and a new Shim of the appropriate thickness will have to be used.
G3. If the Gap is too small, use a THINNER Shim. If the Gap is too large, use a THICKER Shim.
G4. Re-Assemble per Step 13 above and re-check the Gap.
G5. Repeat Steps G1 through G4 until the Gap is within the appropriate range.

PNEUMATIC DIAGRAM - Model 440



Functional Description of Items

Item 1 — Air Cylinder - Strap Cut Off and disengage (separate) the strap Feed Rollers

Item 2 — Air Cylinder - Strap Brake to hold strap when Feed Rollers are disengaged

Item 3 — Air Cylinders – Coil Brake to keep the Strap Dispensing Reel from turning when Feed Rollers are disengaged and Strap Brake is energized.

Item 4 — Directional Valve – Actuates Items 1, 2 and 3 during automatic operation.

Item 5 — Manual Selector Valve

"LOAD" position – relieves air pressure to Items 2 and 3 during manual loading of the strap.

"RUN" position – allows for the automatic actuation of items 2 and 3 during the auto cycle. Set to this position after loading strap and before starting the auto cycle.

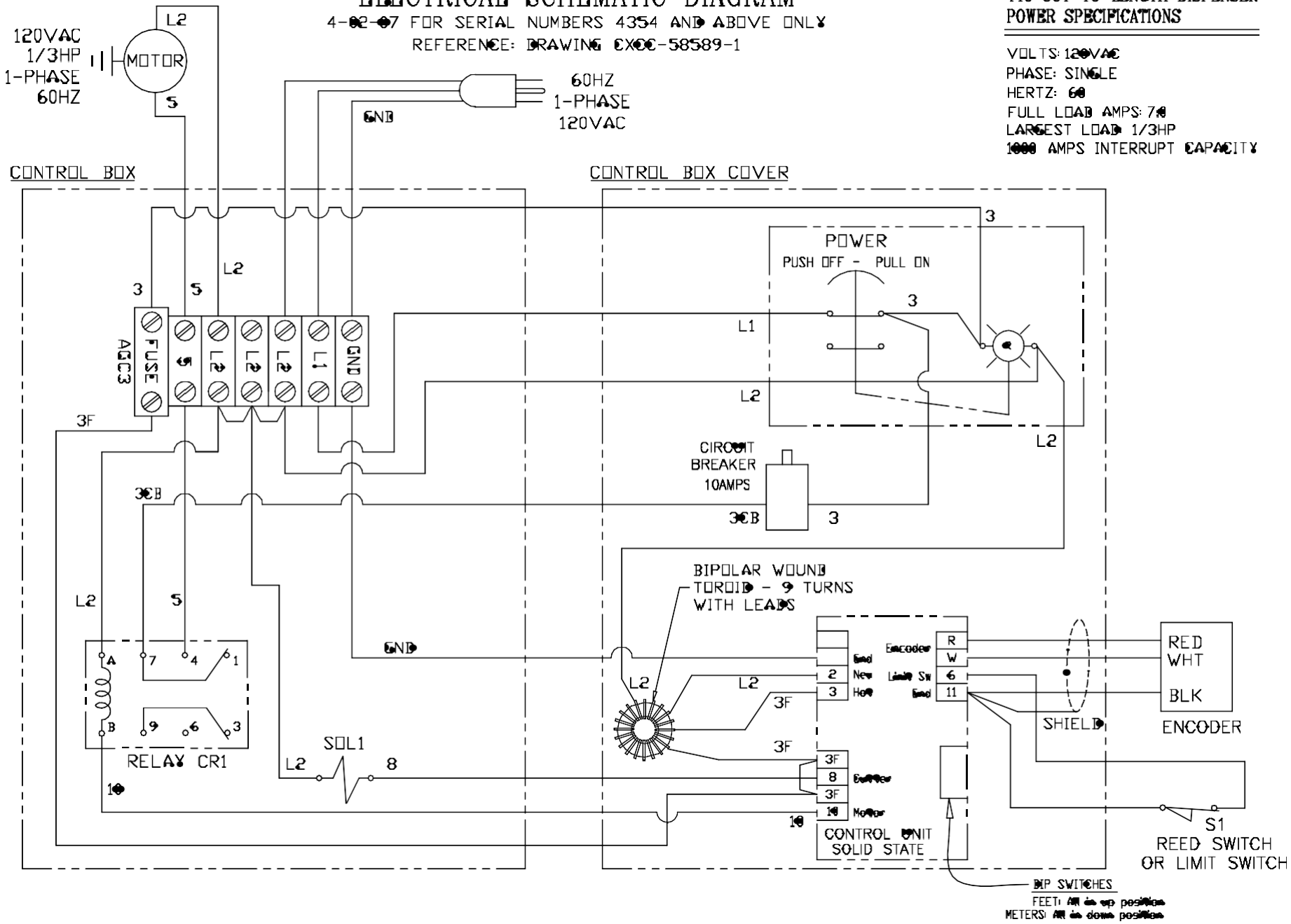
Item 6 — Filter, Regulate and Lubricate the incoming air.

ELECTRICAL SCHEMATIC DIAGRAM

4-02-07 FOR SERIAL NUMBERS 4354 AND ABOVE ONLY
REFERENCE: DRAWING EXCC-58589-1

440 CUT-TO-LENGTH DISPENSER POWER SPECIFICATIONS

VOLTS: 120VAC
PHASE: SINGLE
HERTZ: 60
FULL LOAD AMPS: 7A
LARGEST LOAD 1/3HP
1000 AMPS INTERRUPT CAPACITY



TROUBLE SHOOTING
&
RECOMMENDED SPARE PARTS
440 CUT-TO-LENGTH DISPENSER

IMPORTANT! **POWER OFF** ” button and **UNPLUG THE DISPENSER** before making any adjustments or repairs.

TROUBLE	CAUSE(S)	CORRECTION
Erratic Strap Lengths	**1. Odometer wheel is slipping on the shaft**	1. Tighten the Set Screw on the Odometer Wheel if necessary. CAUTION: Do NOT over-tighten! This can strip the threads in the Aluminum Odometer Wheel.
	OR	
	2. Broken Spring CXAF-60842-1	**2. Replace the Spring**
	OR	
	3. **Strap is Rubbing on the inside of the Strapping Reel Disk**, causing excessive friction.	3. **Place** the proper **Spacer** between the Reel Hub and the Back Reel Disk. - Use the 3/8” thick spacer for 1-1/4” wide Strap (Ribbon Wound) - Use the 5/8” thick spacer for 3/4” Strap (Ribbon Wound)
Cutter fails to cut the Strap	**Air Valve is Sticking** NOTE: If this is the case, you will hear a clicking sound and the Cutter Arm will not actuate. The result is that the Dispenser will not run at all, or that the strap will feed continuously without any cutting.	**Lubrication Drip** needs to be set properly Refer to: Page 3, INSTALLATION, item 3.
	OR	
	Worn or Chipped Cutter Blade(s)	**Replace Defective Blade(s)**

TROUBLE SHOOTING - continued

TROUBLE	CAUSE(S)	CORRECTION
Single cycling – Cuts only ONE piece of Strap at a time, regardless of setting	**1. Broken Reed Switch ** (S/N 4301 & Above)** OR **2. Control Unit Malfunction** OR **3. Broken Switch Roller Arm ** (S/N 4300 & Below)**	1. **Replace Reed Switch** ** 2. **Check for Loose wiring**. - Tighten loose wires - If none, Replace Control Unit **3. Replace Switch Roller Arm ** **
Machine Fails to Feed Strap	1. **Feed Rollers are Loose** (not enough Roller pressure between them to Feed the Strap) OR 2. **Excess wax** on Feed Rollers	**1. Tighten the Spring Pressure** - Loosen the Top Hex Nut on top of each Spring - Turn the Lower Hex Nut Clockwise as required - Using two wrenches, tighten the Top Hex Nut against the Lower Hex Nut 2. **Clean the Wax** off the Feed Rollers - Thoroughly Wire Brush both Feed Rollers - Blow off debris with Compressed Air

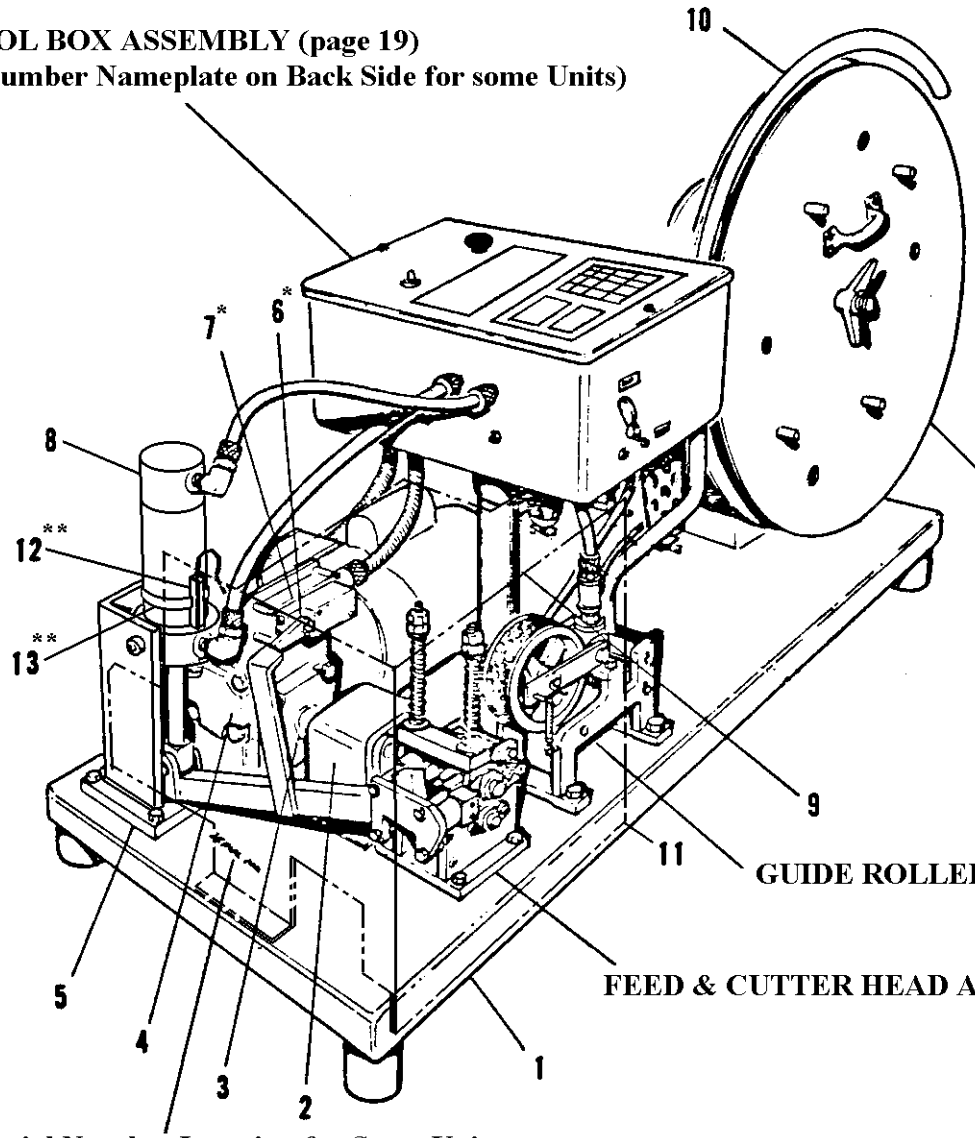
** For Units with Serial Numbers before 4298, a Limit Switch (CPXC-45085-7) was used with a modified Limit Switch Arm (CXAF-60876-9). For these C-T-L Units, with the POWER ON and programmed for several cuts, trip the Arm manually to see if the Limit Switch is operational at all; if it signals the Unit to cycle again, the Limit Switch is okay. If it is not okay, UNPLUG the Dispenser, then replace the Limit Switch (re-use the Limit Switch Arm). If the Limit Switch is operational, with the POWER ON, CAREFULLY re-adjust the Arm position on the Limit Switch shaft to trigger JUST (within 1/16" to 1/8") before the Cutter Arm is fully DOWN.

RECOMMENDED SPARE PARTS

Although the 440 is designed for long, trouble-free operation, certain parts of your Cut-To-Length Dispenser will wear out with use and will require replacement from time to time. It is recommended that you keep the following parts in stock at your plant, in order to minimize down time.

QUANTITY	PART NUMBER	PART NAME
2	CXAF-60842-1	Spring
1	CXAF-60798-5	Cutter Blade - Upper
1	CXAF-60795-1	Cutter Blade - Lower
2	CPAC-60785-5	Spring
1	CPAC-60803-3	Pin – Feed Release
1	CXAF-60837-1	Upper Pad – Band Brake
1	CXAF-60838-9	Lower Pad – Band Brake

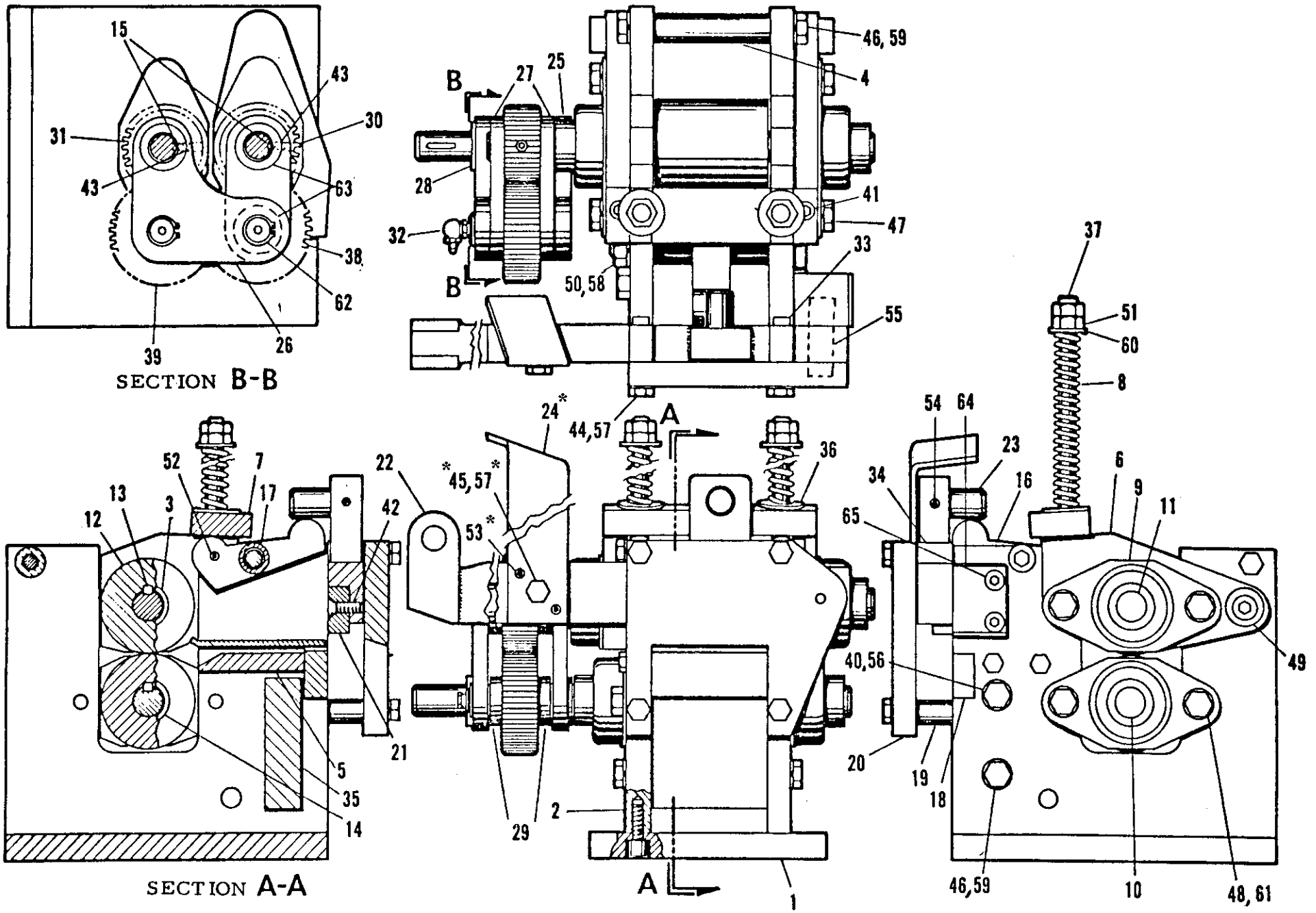
Model 440 DISPENSER-CUTTER PARTS LISTS



Key No.	Name	Part Number
1	Base Plate Assembly	CXBA-60771-5
2	Guard	CXBF-60888-2
3	Coupling	CXAA-60829-3
4	Gearmotor	CPAC-60881-2
5	Upright Assembly	CXCA-60914-9
6	Limit Switch Arm *	CXAF-60876-9 *
7	Limit Switch *	CPXC-45085-7 *
8	Cylinder & Eye Assembly	CXAA-60883-0
9	Pedestal	CXBV-60897-4
10	Band Guard Assembly	CXCA-60908-1
11	Cylinder Guard	CXDF-57482-5
12	Reed Switch **	CPXC-45729-0 **
13	Clamp Reed Switch **	CPXC-45730-0 **

* Parts used only on Dispensers with Serial Numbers 4300 & Below.
** Parts used only on Dispensers with Serial Numbers 4301 & Above.

FEED and CUTTER HEAD ASSEMBLY



* Parts used only on Dispensers with Serial Numbers 4300 & Below.

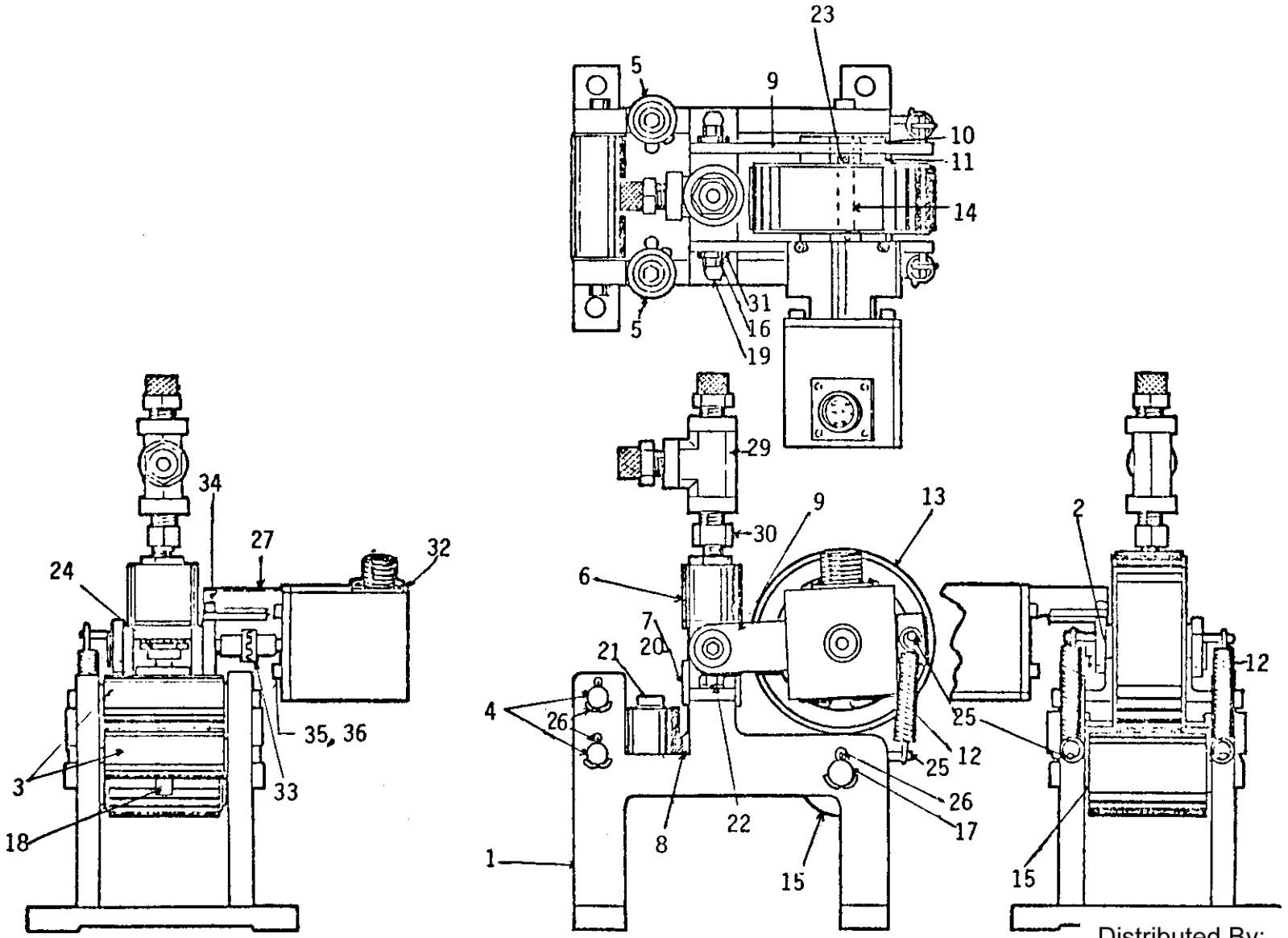
FEED & CUTTER HEAD ASSEMBLY (CXDA-60775-2)

KEY NO.	PART NAME	PART NO.	QTY.
1	Base Plate	CXAF60776-1	1
2	Side Plate	CXCF60777-5	2
3	Spacer - Feed Roller	CXAF577964	2
4	Spacer Rod	CXAF60779-5	1
5	Band Guard Assembly	CXAA60780-8	1
6	Arm - Upper Feed Roller	CXBF607835	2
7	Pressure Bar	CXAF60784-5	1
8	Spring	CPAC60785-5	2
9	Bearing - Flange	CPAC280511	4
10	Lower Shaft	CXBF60787-6	1
11	Upper Shaft	CXBF60788-4	1
12	Feed Roller	CXAF60789-4	2
13	Keys - Feed Roller	CXAF60790-2	2
14	Spacers - Feed Roller	CXAF 577972	2
15	Keys - Gear	CXAF60792-8	2
16	Release Arm	CXAF60793-6	1
17	Spacers	CXAF60794-4	2
18	Lower Cutter Blade	CXAF60795-1	1
19	Spacer	CXAF60796-9	3
20	Cover Plate	CXBF60797-5	1
21	Upper Cutter Blade	CXAF60798-5	1
22	Cutter Bar Assembly	CXBA60799-6	1
23	Pin - Feed Release	CXAF60803-3	1
24 *	Trip Arm - Limit Switch	CXAF60804-1	1
25	Plate & Shaft Assem-Gear	CXBV60805-7	1
26	Side Frame - Gear Train	CXAF60806-6	1
27	Link - Gear Train	CXAF60807-4	2
28	Bearing	CXAF60808-2	2
29	Spacer	CXAF60809-0	4
30	Gear	CXAF60810-8	1
31	Gear	CXAF608116	1
32	Grease Fittings	CPAC60654-3	2
33	Wear Strip	CXAF60813-2	2

KEY NO.	PART NAME	PART NO.	QTY.
34	Spacer	CXAF60814-0	1
35	Spacer - Front	CXAF60815-7	1
36	Washer	CXAF60816-5	2
37	Stud	CXAF60817-3	2
38	Fiber Idler Gear Assembly	CXAA60818-6	1
39	Steel Idler Gear Assembly	CXAA60819-4	1
40	Screw - Hex Hd Cap	CPXC22064-9	4
41	Screw - Soc Hd Cap	CPXC22080-5	6
42	Screw Soc Flat Hd	CPXC22108-4	4
43	Nylon Soc. Set Screw	CPXC22133-2	2
44	Soc. Hd. Screw	CPXC22119-1	4
45 *	Hex Hd. Cap Screw	CPXC22132-4	1
46	Screw - Hex Hd Cap	CPXC22180-3	6
47	Screw - Soc Hd Shoulder	CPXC22202-5	1
48	Screw - Hex Hd Cap	CPXC22217-3	8
49	Screw - Soc Hd Shoulder	CPXC22240-5	2
50	Hex Nut	CPXC23027-5	1
51	Hex Nut	CPXC23034-1	4
52	Roll Pin	CPXC24013-4	2
53 *	Roll Pin	CPXC24026-6	2
54	Roll Pin	CPXC24028-2	1
55	Dowel Pin	CPXC24084-5	1
56	Lock Washer	CPXC25010-9	4
57 *	Lock Washer	CPXC25017-4	5
58	Lock Washer	CPXC25021-6	1
59	Lock Washer	CPXC25025-7	6
60	Flat Washer	CPXC25026-5	2
61	Lock Washer	CPXC25031-5	8
62	Retaining Ring	CPXC26005-8	2
63	Bearing (Bushing)	CXAF60820-7	4
64	Pivot Support	CXAF60821-5	1
65	Soc. Hd. Cap Screw	CPXC22089-6	2

*** Parts Used only on Dispensers with Serial Numbers 4300 & Below**

GUIDE ROLLER ASSEMBLY



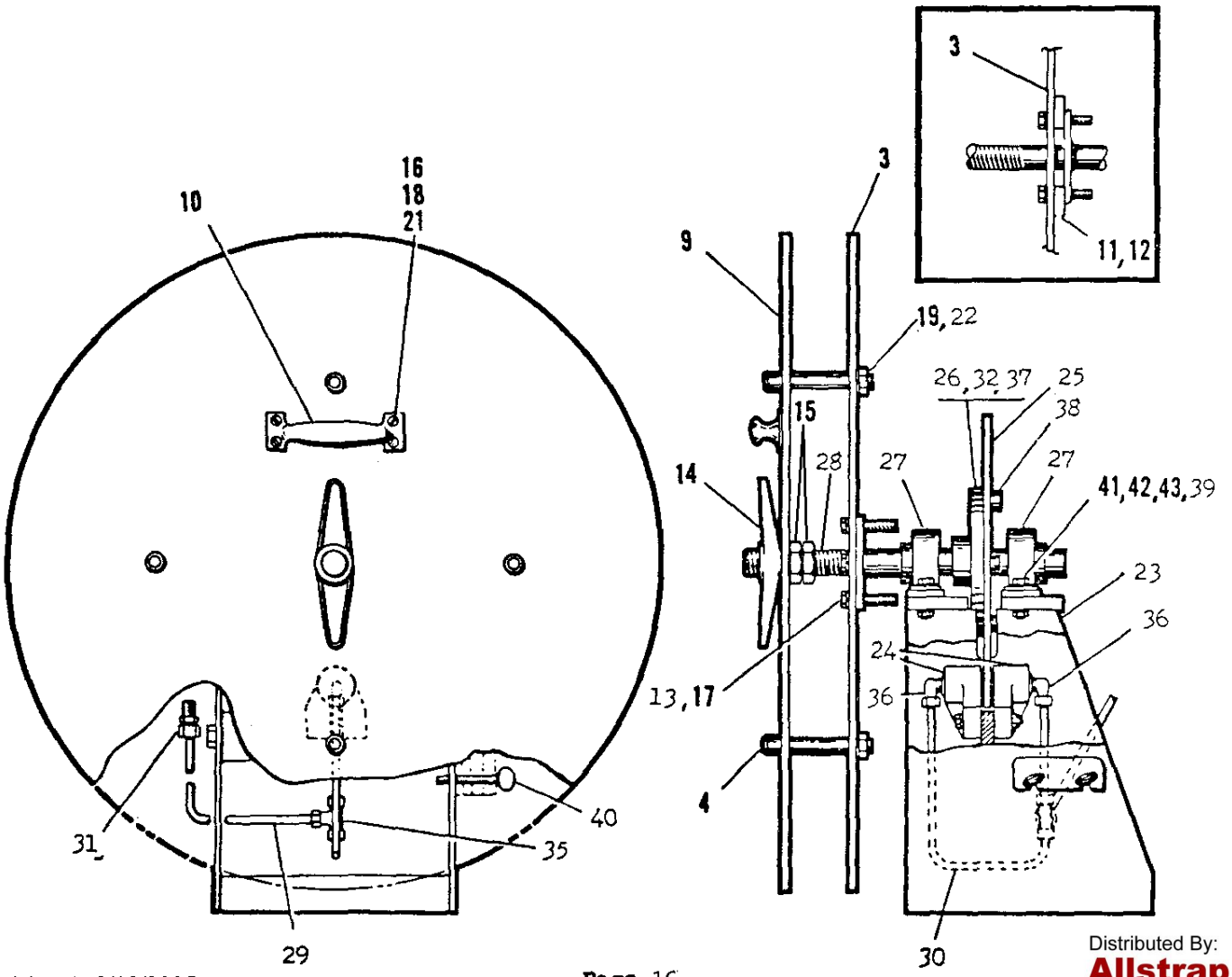
GUIDE ROLLER ASSEMBLY (CXCA57441-8)

KEY No.	PART NAME	PART No.	QUANTITY
1	Guide Roller Brkt.	CXCF60907-8	1
2	Bracket	CXBF60889-0	1
3	Horizontal Roller Assembly	CXAF58244-4	2
4	Shaft-Horizontal	CXAF60833-0	2
5	Vertical Roller Assembly	CXAA87169-2	2
6	Cylinder-Air	CPAC60836-6	1
7	Upper Pad-Band Brake	CXAF60837-1	1
8	Lower Pad-Band Brake	CXAF60838-9	1
9	Arm-Odometer Wheel	CXAF60839-7	2
10	Brg-Ball-Single Row Radial	CPAC60840-8	2
11	Spacer	CXAF60841-3	2
12	Spring	CXAF60842-1	2
13	Odometer Wheel Assembly	CXAA60843-4	1
14	Shaft-Odometer Wheel	CXAF57447-4	1
15	Back-Up Roller Assembly	CXAA60849-1	1
16	Shoulder Screw	CXAF60877-7	2
17	Shaft	CXAF60852-0	1
18	Screw-Soc Hd. Cap	CPXC22080-5	1
19	Screw-Hex Hd Cap	CPXC22113-4	2
20	Screw-Soc Set	CPXC22021-9	1
21	Screw-Soc Hd Shoulder	CPXC22200-9	2
22	Washer	CPXC25017-4	2
23	Screw Soc Set	CPXC22040-9	1
24	Washer	CPXC25035-6	1
25	Pin - Grooved	CPXC24017-5	4
26	Pin - Cotter	CPXC26020-7	6
27	Encoder Support	CXBV57440-8	1
28	Not Used		
29	Tee	CPXC29008-9	1
30	Reducer	CPXC29043-6	1
31	Spacer	CXAF60880-1	2
32	Shaft Encoder and cable	CPAC57445-1	1
33	1/4" Coupling	CPAC 71471- 9	1
34	Screw-Soc Hd Cap	CPXC22047-4	2
35	Screw-Soc Hd Cap	CPXC22002-9	4
36	Washer	CPXC25048-9	4

REEL PAY-OFF ASSEMBLY

NOTE:

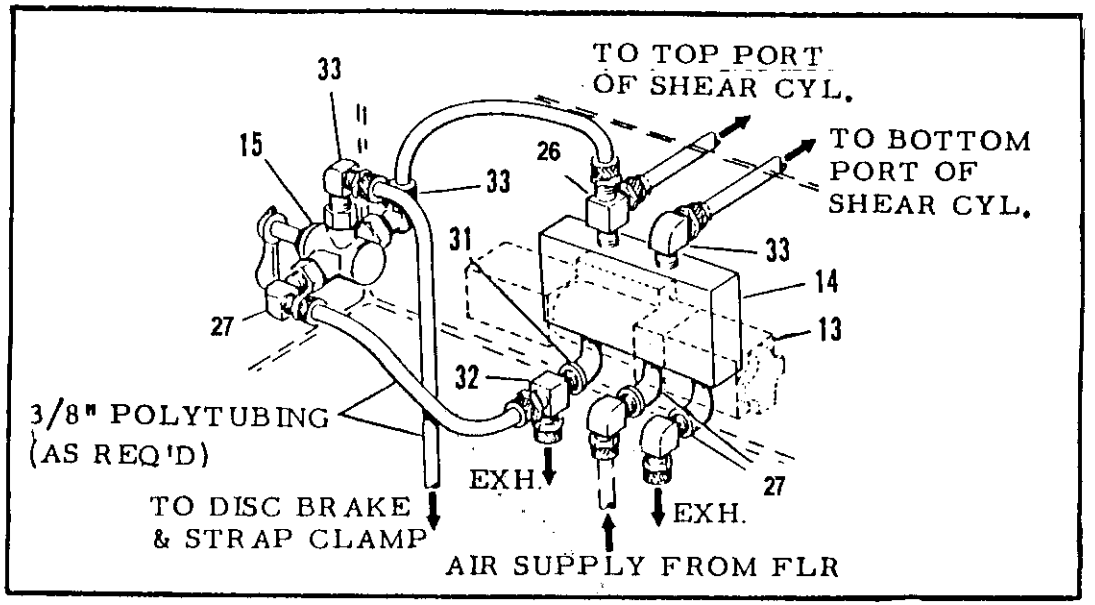
TO ORDER THE COMPLETE AIR FILTER-REGULATOR-LUBRICATOR ASSEMBLY AND BRACKET:
FRL UNIT CPAC-29350-8
BRACKET CXBF-71830-1

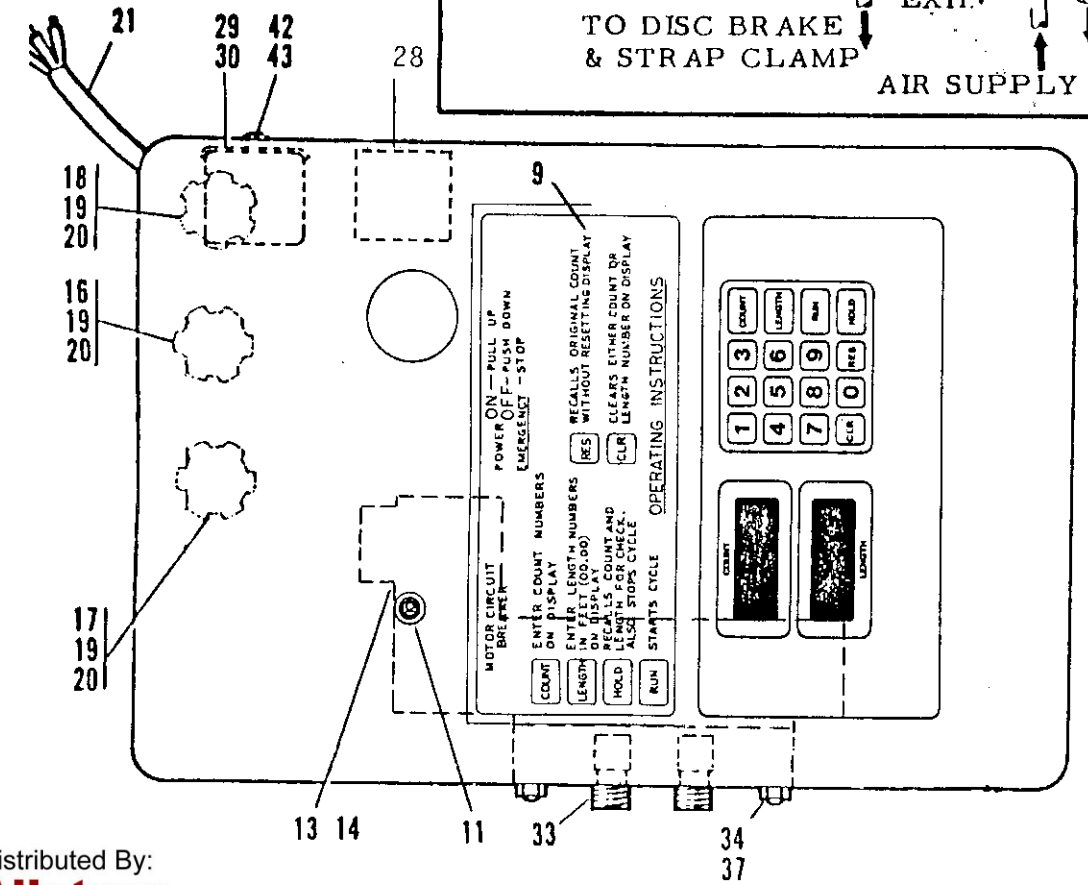


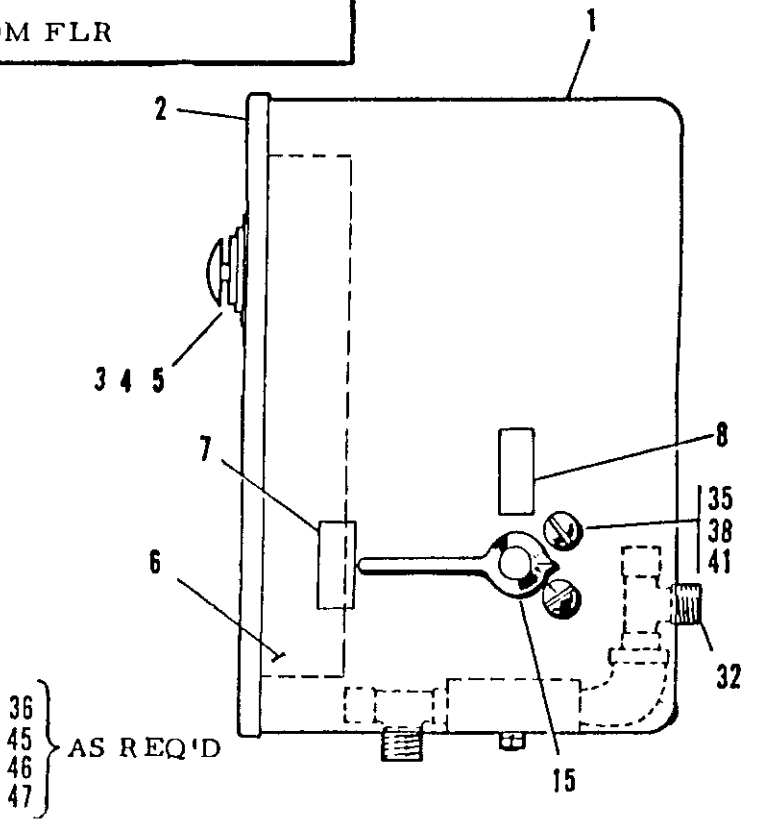
REEL PAY-OFF ASSEMBLY (CXDA609162)

KEY NO.	PART NAME	PART NO.	QUANTITY
3	Stationary Reel Disc	CXCF608591	1
4	Coil Support Studs	CXAF60860-3	4
9	Removable Reel Disc	CXCF60912-8	1
10	Handle	CXAC60643-6	1
11	3/4 Band Spacer	CXAF60878-5	2
12	1-1/4 Band Spacer	CXAF60879-3	2
13	Lock Washer	CPXC25017-4	4
14	Wing Nut	CXBF60379-2	1
15	Jam Hex Nut	CPXC23091-1	2
16	FlatHd Cap Screw	CPXC22063-1	4
17	Screw - Soc. Hd. Cap	CPXC22109-2	4
18	Jam Hex Nut	CPXC23011-9	4
19	Jam Hex Nut	CPXC23046-5	4
21	Split Lock Washer	CPXC250109	4
22	Internal Lock Washer	CPXC25036-4	8
23	Base Assembly-Reel Support	CXCV60910-3	1
24	Air Brake	CPAC60854-9	1
25	Brake Disc	CPAC60644-4	1
26	Hub-Brake Disc	CXBF60894-0	1
27	Pillow Block Bearings	CPAC60855-6	2
28	Shaft Assembly	CXBV60895-8	1
29	(OD) Tubing-Poly,Long	CPXC29150-9	1
30	(OD) Tubing-Poly ,Short	CPXC29150-9	2
31	Fixed Flow Control Assembly	CXAA60884-8	1
32	Key	CXAF60956-9	1
35	Compression Tee	CPXC29192-1	1
36	(TM) Comp. Male Elbow	CPXC29013-9	2
37	Screw-Soc Set Cup Pt-Nyl Lk	CPXC22133-2	2
38	Screw-Soc Hd Cap	CPXC22157-1	4
39	Screw-Hex Hd Cap	CPXC22203-3	4
40	Screw-Thumb Spade Hd w/Shld	CPXC22316-3	2
41	Nut-Std Hex	CPXC23034-1	4
42	Washer-Split Lock	CPXC25025-7	4
43	Washer-Plain Flat	CPXC25026-5	4

CONTROL BOX ASSEMBLY







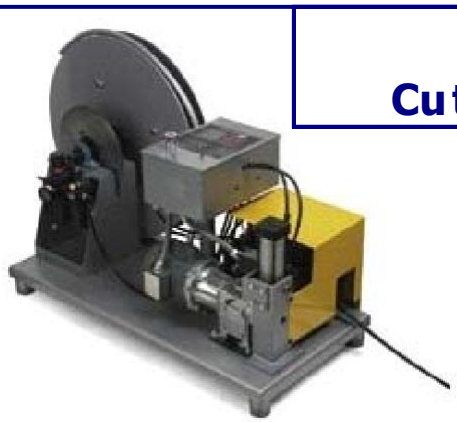
440 SOLID STATE CONTROL BOX ASSEMBLY

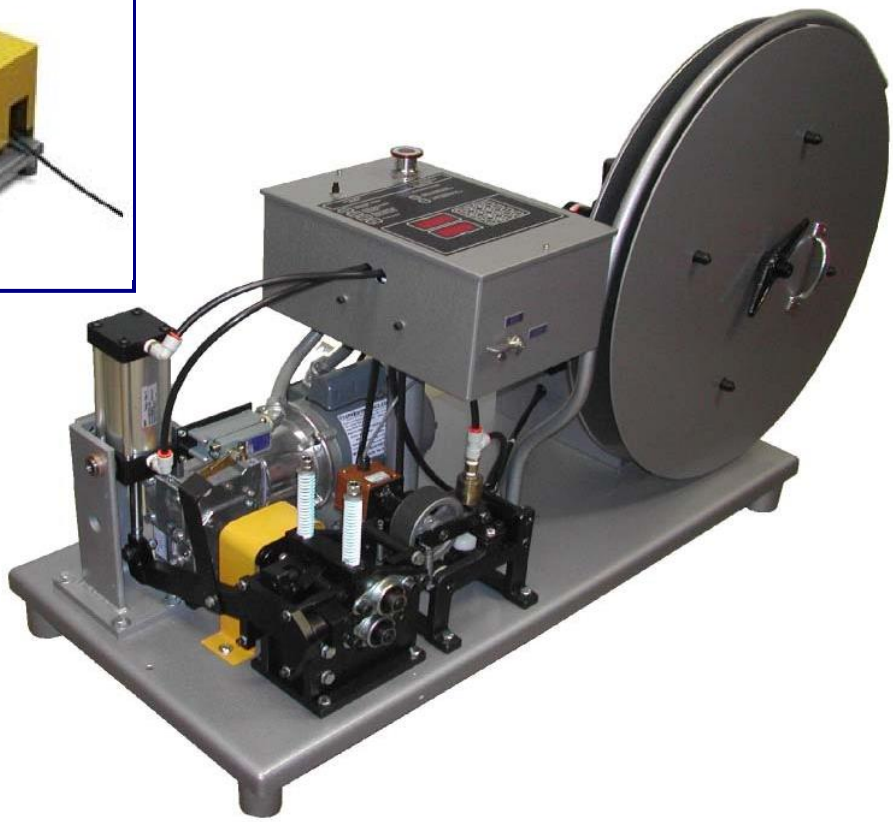
Key No.	Part Name	Part #	QTY	Key No.	Part Name	Part #	Key No.
1*	Control Box	CXDF693153	1	25	Not used		
2*	Assembly Box Cover-Solid state	CXCA585844	1	26	Tee Tube Male Qck Rel.	CPXC291814	1
3	Push-Pull Operator	CPXC455864	1	27	Conn. Tube Male Qck Rel.	CPXC291574	3
4	Not used			28	Relay – 120Volt	CPXC454404	1
5	Not used			29	Terminal Mounting Track	CPXC452564	3-1/2"
6	Control Unit Solid State	CPAC599276	1	30	Terminal Block (2 Pole)	CPXC452572	4
7	Name Plate "RUN"	CXAC460024	1	31	Not used		
8	Name Plate "LOAD"	CXAC460040	1	32	Comp. Male Run Tee	CPXC290089	1
9	16 Key Control Pad &	CXAC460941	1	33	Elbow – Tube Male Qck Rel.	CPXC291483	3
	Operating Instruction			34	1/4 20 x 7/8 Soc. Hd Screw	CPXC223510	2
10	Not used			35	1/4 20x1-1/2 Truss Hd Screw	CPXC220847	2
11	Circuit Breaker 10 AMP	CPXC450915	1	36	Wire-Red – 16 AWG	CPXC450071	10'
12	Not used			37	Hex Nut std. 1/4-20	CPXC230192	2
13	4 Way Valve	CPXC293638	1	38	Not used		
14	Mounting Valve Spacer	CXBF625474	1	39	Not used		
15	3 Way Valve	CPAC608697	1	40	Not used		
16	3/8 straight connector (1/2 Hub)	CPXC450246	1	41	Spacer Tube	CXAF694348	2
17	3/8 90° elbow connector (1/2 Hub)	CPXC450253	1	42	Mach. screw 8-32X5/16 rd. hd.	CPXC220227	4
18	Cable Grip	CPXC451913	1	43	Hex Nut 8 – 32	CPXC230069	4
19	"O" Ring (1/2 cond. size)	CPXC450261	3	44	Flat Washer	CPXC250513	2
20	Lock Nut (1/2 cond. size)	CPXC450279	3	45	Terminal .187 x .020 FEM TAB	CPXC453224	4
21	Power Cord	CPXC450386	1	46	Not used		
22	Not used			47	Not used		
23	Not used						
24	Not used						

*MUST BE SOLD AS A SET

NOTES

Acme Distributor Sales
Cut-to-Length Strap Dispenser





Designed and recommended for packaging departmens and insulation contractors that require high volumes of pre-cut strapping and banding material. Reducs labor costs and eliminates strap waste. Simply entrer the length of the cut and the quantity of straps into the keypad. The dispenser does the rest. Industry proven on jobs requiring 50,000 cuts per day. Solid state controls and working parts designed for years of rough use provide this machine with an exceptional service life.

General Specifications:

Dimensions:	21”W x 54”L x 34”High
Strap Sizes:	Steel, 3/8” x .015 inch to 2” x .050 *(Metallic Strapping Material)*
Coil Size:	16”I.D. x 28”O.D. (max) Ribbon or Oscillated Wound, with Heavey Duty Disc Brake
Rate:	100 Feet Per Minute
Controls:	Solid State with contnuous LED readouts for strap length and count, membrane type touch pad
Strap Length:	1 inch to 1,000 feet (Selectable in English or Metric units)
Strap Quantity:	1 to 9,999 pieces per setting
Cutter Blades:	4 Edges per Blade, High Strength Hardened Tool Steel
Electric Drive Motor:	1/3 HP with gear reducer
Electrical:	110V, 60 HZ, 1 Ph (other voltages available consult factory)
Pnuematic:	80 psi
Shipping Weight:	500 lbs
Shipping Size:	24”W x 57”L x 40”H (Non Stackable)

Options and Optional Equipment

Safety Cut Strap Ends
Plastic Strapping
15” Legs with Swivel/Locking Casters