

OPERATION, PARTS AND SAFETY MANUAL



DF-23 & DM-23 STRAP DISPENSERS

IMPORTANT! **DO NOT DESTROY**

It is the customer's responsibility to have all operators and servicemen read and understand this manual.

Contact your local Signode representative for additional copies of this manual.

READ ALL INSTRUCTIONS BEFORE OPERATING THIS SIGNODE PRODUCT

SIGNODE INDUSTRIAL GROUP LLC • 3650 WEST LAKE AVENUE • GLENVIEW, ILLINOIS 60026 U.S.A.

WARNING

READ THESE INSTRUCTIONS CAREFULLY.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN SEVERE PERSONAL INJURY.

GENERAL SAFETY CONSIDERATIONS

1. EYE INJURY HAZARD.

Failure to wear safety glasses with side shields can result in severe eye injury or blindness. Always wear safety glasses with side shields which conform to ANSI Standard Z87.1 or EN 166.



2. CUT HAZARD.

Handling strap or sharp parts could result in cut hands or fingers. Wear protective gloves.



3. TRAINING.

This dispenser must not be used by persons not properly trained in its use. Be certain that you receive proper training from your employer. If you have any questions contact your Signode Representative.

4. DISPENSER CARE.

Take good care of this dispenser. Inspect and clean it weekly. Replace any worn or broken parts.

5. WORK AREA.

Keep work areas uncluttered and well lighted.

SAFETY PROCEDURES FOR DISPENSER OPERATION

1. Before loading a coil of strap into the dispenser, read the loading and safety instructions.

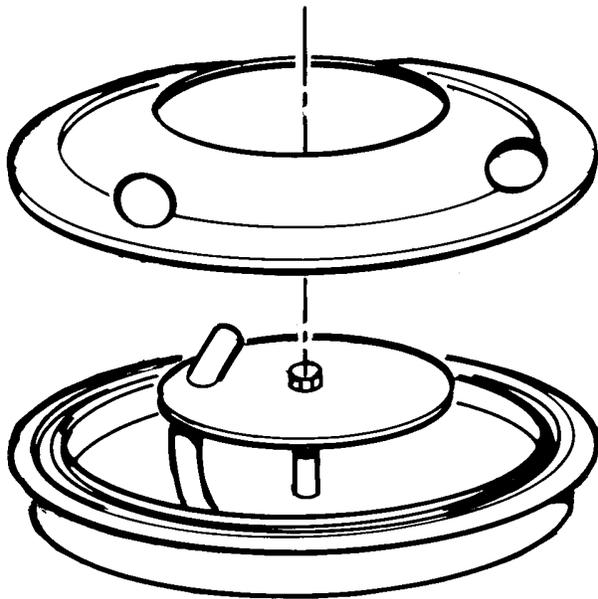
- Install dispenser properly before using it.
- Maintain proper footing and balance when loading dispenser.
- Do not load dispenser when you are in an awkward position. Use proper lifting techniques when loading a coil of strap into the dispenser.
- When mounting dispensers on wall and/or columns, use the proper Signode suspension brackets.

2. Tuck strap end back into dispenser straproller area when not in use.

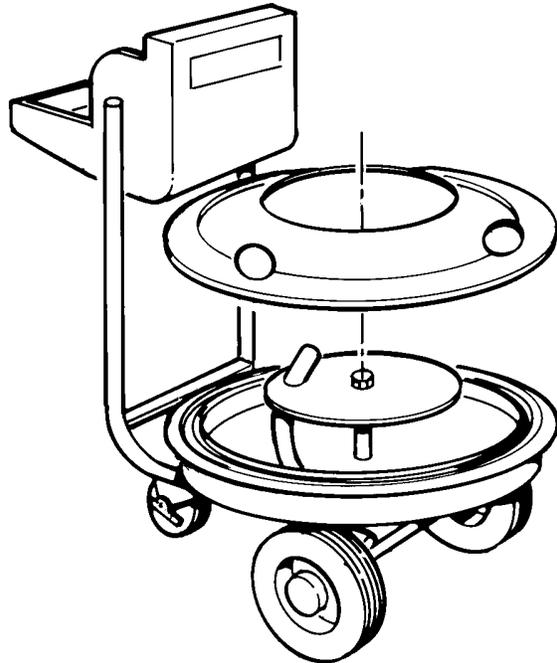
CUTTING TENSIONED STRAP

Use only cutters designed for cutting strap; never use claw hammers, crowbars, chisels, axes or similar tools. Such tools will cause the strap to fly apart with hazardous force. Before using any Signode product read its Operation and Safety manual.

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DF-23 Dispenser
Part No. 024200



DM-23 Dispenser
Part No. 017000

SPECIFICATIONS

MODEL	STRAP		
	TYPE	WIDTH	THICKNESS
DF-23	Apex	3/8" (9.5mm)	.015" (0.38mm)
DM-23		to 3/4" (19mm)	to .035" (0.88mm)

STRAP COIL LOADING INSTRUCTIONS

⚠ WARNING

Always wear safety glasses with side shields. Failure to wear safety glasses can result in severe eye injury or blindness.

The DF-23 and the DM-23 Dispensers will accept mill wound coils of steel strap, ranging in size from 3/8"(9.5mm) x .015(0.38mm) to 3/4"(19mm) x .035(0.88mm).

Whenever dispensing strap 1/2"(12.7mm) x .023(0.58mm) or heavier, use the top cover, part number 024219.

COIL LOADING PROCEDURE

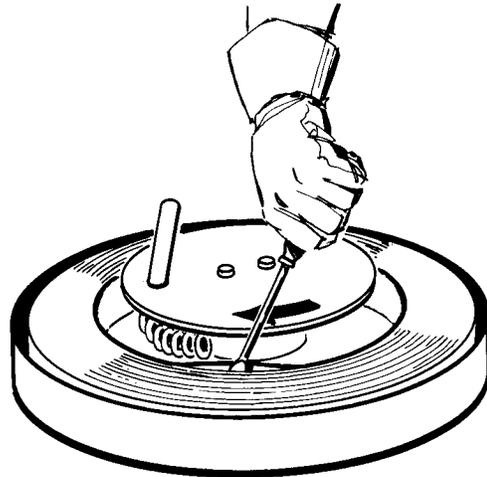
1. Remove the dispenser cover if it's being used.

⚠ WARNING

Coils of steel strap are heavy. Get someone to help you place the coil into the dispenser - use proper lifting techniques.

2. The coil must rotate and pay-off in the clockwise direction. Since strap pay-off is from the center of the coil place the new coil in the dispenser and position it so that the end of the strap protruding through the steel liner points toward the spring guide (Key 4).
3. Place the coil of strap in the dispenser making certain that the coil eye ties are placed over the circular voids on the bottom disc (Key 7). This will allow for easy eye removal.
4. Before the strap can be threaded, the steel liner must be removed from the inside of the coil.

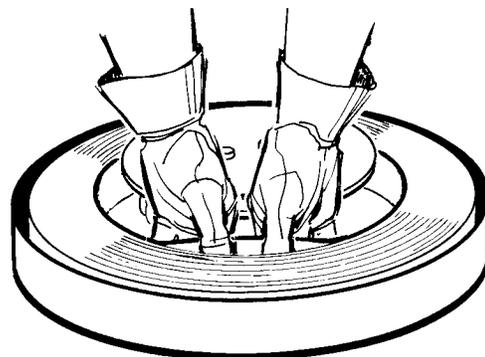
5. Wedge the tip of a screwdriver between the liner and the coil at the locking tabs. Pry inward enough to slip in a gloved hand and firmly grasp the liner.



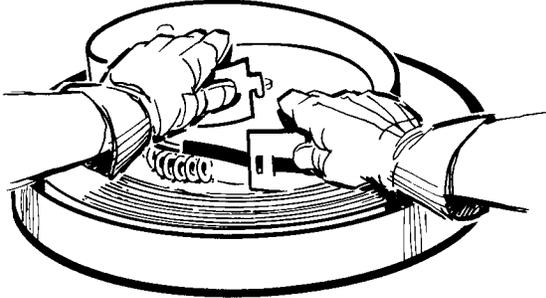
⚠ WARNING

Edges of the steel liner may be sharp. Use care in removing the liner. Properly discard the liner.

6. Set the screwdriver to the side. Grasp the liner with both gloved hands, placing one on each side of the locking tab.



7. Bow the liner inward, then lift upward to free it from the coil. Hold both ends of the liner firmly and lift the tab end to disengage the lock.



8. Allow the liner to slowly straighten before releasing either end.
9. Remove the strap end, as shown, and discard the liner.
10. Now the strap can be threaded. For ease of operation, double over the first 6 to 8 inches of strap and push the end through the strap guide. This will prevent snagging as the strap end travels through the guide. When the strap exits the top of the dispenser, it is ready for use.

NOTE: If a top cover is being used, replace it before operating the dispenser.

OPERATING INSTRUCTIONS

To operate, pull the strap from the dispenser. The dispenser will rotate and then stop. The stopping portion of the cycle is necessary to allow the strap to unwind. Note that the dispenser must rotate freely.



TROUBLESHOOTING

Some of the more common causes of why a dispenser will not freely rotate are listed below:

1. An item rubbing on any of the rotating parts.
2. A damaged top plate assembly (5) that drags against the hub (6).
3. A dispenser disc assembly improperly seated on the ball bearing (8).
4. A damaged bearing (8).

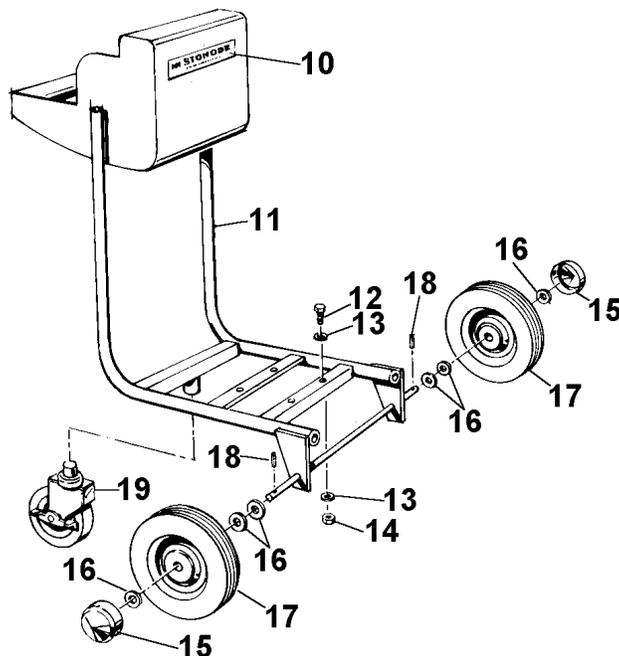
DF-23 & DM-23 PARTS LIST

<u>KEY</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
*1	1	024219	Dispenser cover
2	2	024220	Soc. head cap screw, 5/16-18 x 5/8
3	2	024223	Lock washer, 5/16
4	1	024202	Spring guide
5	1	024210	Top plate assembly
6	1	024201	Hub
7	1	424778	Dispenser disc assembly
8	1	424775	Ball bearing
9	1	424777	Base plate assembly
10	1	017007	Nameplate
11	1	017010	Cart frame assembly
12	4	009093	Hex head cap screw, 3/8-16 x 1
13	8	007453	Washer, 3/8 x 3/4 x 1/16
14	4	009189	Flexloc nut, 3/8-16
15	2	003389	Hub cap
16	6	001255	Washer, 1/2 std. SAE
17	2	003393	Wheel, 8 diameter
18	2	006737	Roll pin, 5/32 x 1
19	1	017008	Swivel wheel
20	1	024211	Nameplate
21	1	286200	Warning sign
22	1	020826	Directional arrow

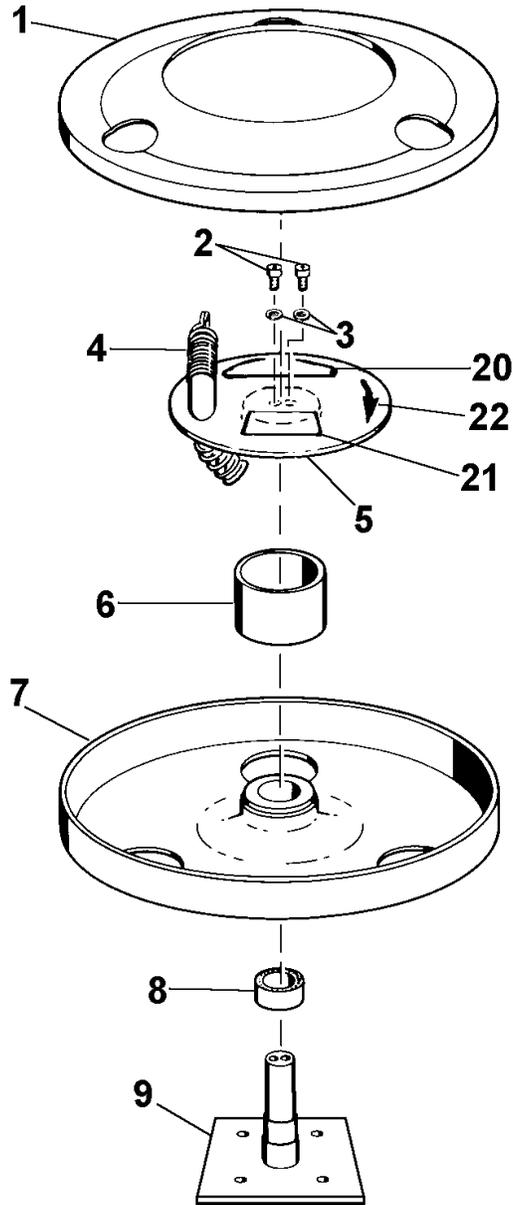
* Optional - required for .023 and heavier strap.

- When ordering parts, please show dispenser model, part number and description.
- Common hardware parts may be obtained at any local hardware supply.

DM-23 DISPENSER



DF-23 DISPENSER



⚠ WARNING

Inspect all parts daily and replace them if they are worn or broken. Failure to do this can affect a product's operation and could result in serious personal injury.

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