

MR-SDC-1 (Belt Replacement)
old and new styles, M-825 and M-800 Series

- ▶ Remove infeed table attached to slitter, look under infeed table mounted to slitter.
- ▶ Remove 1/4"-28 socket head bolts (4 pieces) using 3/16" Allen wrench
- ▶ Note: Older style slitters may require tables were mounted with 1/4"-28 Hex Head bolts

- ▶ Remove 3/8"-24 Hex Head bolts and 1-1/4" end caps attaching cutting rolls, slitter knife blades (part # 4573), to slitter assembly
- ▶ Remove cutting rolls
- ▶ Note: Behind cutting rolls will be shims using a micrometer or calipers (verniers) measure thickness of shims behind cutting rolls. Be sure to reinstall the same amount of shims behind the top and the bottom of cutting rolls when reinstalling. Also, there will be shims behind the 1-1/4" end cap.
- ▶ Measure thickness. Be sure to use the same amount when reinstalling
- ▶ Remove 3/8"-24 Hex Head bolts attaching slitter housing to power
- ▶ Take off side plate (gear side) #35 as per assembly drawings #2.
- ▶ Remove only the bolts at infeed end of slitter assembly (2 pieces)
- ▶ Next remove 3/8"-24 Hex Head tap bolts #45 as per drawing (2 pieces)
- ▶ Hold slitter housing assembly, pull assembly away from slitter, this will allow gear belt pulley to hang freely. Lay aside housing assembly. Remove gear belt pulley

- ▶ Remove 3/8"-24 Hex Head bolt attaching slitter to head assembly (roll former)
- ▶ Remove only the bolt on left side of spreader - head rail #5 as per drawing #1

- ▶ Loosen 1/4"-20 set screw, hold set collar in place.
- ▶ Slide set collar #18 as per drawing #1 and drive gear #9 away from power
- ▶ Take off side plate (gear side).
- ▶ Remove 1/4" key stock from power
- ▶ Take off shaft #6 per print #1
- ▶ Remove 3/8"-24 Hex Head bolt #23. Slide power take off shaft to right side of machine
- ▶ To remove power take off shaft from power take off side plate (non gear side) swing side plate (non gear side) in up position.
- ▶ Remove worn belt, replace with new belt

Reverse these steps to reassemble

Note: To reinstall gear belt pulley on slitter housing assembly:

Install gear belt pulley in belt position pulley slide upper knife shaft through conveyor side plate into pulley. Install 3/8"-24 bolts, tighten.
Be careful not to stretch or pry on belt when reinstalling.

CINCINNATI PRECISION MACHINERY 513-860-4133

Loosen Bolts in shaft 5
To align Slitter Side
Plate Straight with Roll
Form side plate

13 1/2" Long Infeed
Table Conveyor

Loosen Two 3/8 Bolts and Rotate
Shaft 5 to Raise or Lower Slitter
and Retighten 3/8 Bolts

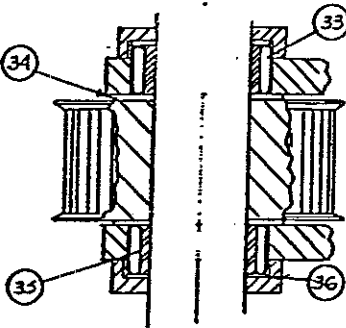
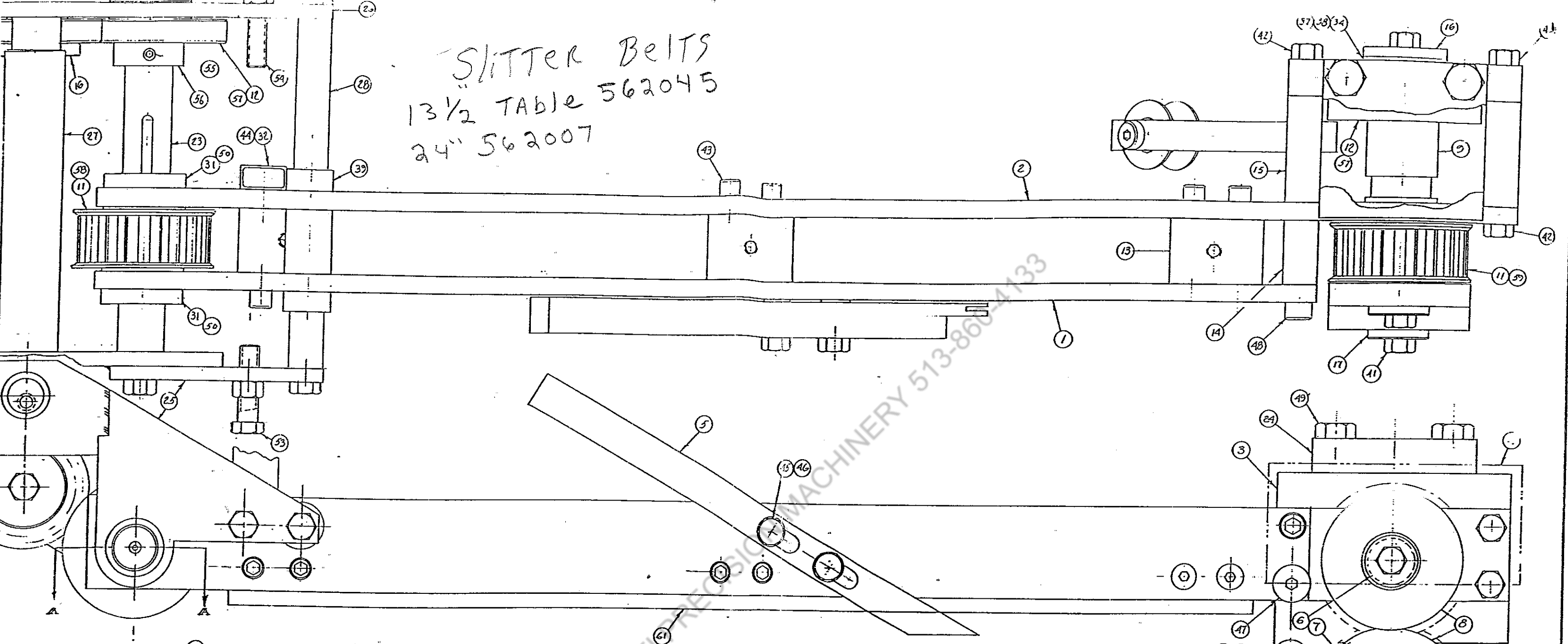
Slitter wheel
over LAP

SECTION A-A

CINCINNATI PRECISION MACHINERY 513-850-4133

27	1		X	1/4-20 CUP POINT SET SCREW 1/4 LG.
26	2		X	3/8-24 HEX NUT
25	1		X	↑ ↑ ↑ ↑ ↑ x 3" LG.
24	1		X	↑ ↑ ↑ ↑ ↑ x 1" LG.
23	4		X	3/8-24 HEX HD. BOLT x 3/4 LG.
22	1	C-250	X	BUSHINGS (1mm x 2)
21	4		X	AMPLEX - THRUST RACE
20	1	B-166	X	↑ ↑ ↑ ↑
19	2	B-166	X	TORRINGTON NEEDLE BEARING
18	1	SC-1	X	BROWNING SET COLLAR
17	2	CL-3-HK2T	X	CARR-LANE HAND KNOB ASSY
16				
15	1	4587	X	COVER - POWER TAKE-OFF
14	1	4582-1	X	SO. KEY 1/4 x 1/4 x 1/2 LG.
13	2	4219-8	X	END CAP WASHER
12	1	4564	X	CLAMP BAR - INFEED GUIDE
11	1	4563	X	INFEED GUIDE BAR
10	1	4612	X	INFEED TABLE ASSY
9	1	4561	X	DRIVE GEAR
8	1	4560	X	IDLER GEAR
7	1	4559	X	SHAFT - IDLER GEAR
6	1	4553	X	SHAFT - POWER TAKE-OFF DRIVE SHAFT
5	1	4557	X	SPREADER - HEAD RAIL
4	1	4556	X	SPREADER - SIDE PLATE
3	1	4555	X	POWER TAKE-OFF SIDE PLATE (NON-GEAR SIDE)
2	1	4554	X	POWER TAKE-OFF SIDE PLATE (GEAR SIDE)
1	1	4553	X	SLITTER/CONVEYOR ASSY

Slitter Belts
 13 1/2 TABLE 562045
 24" 562007



61	1	X	BAR MAGNETIC 22" LG
60	1	X	BROWNING DOUBLE GP. BELT
59	1	X	1/2 LG
58	1	X	1 LG
57	3	X	1/4 X 1/4 KEY 1/2 LG
56	1	X	COLLAR
55	1	X	SET SCW
54	1	X	1 LG
53	1	X	3/8 - 24 HEX HD. BOLT 1 LG
52	4	X	3/8 - 24 HEX NUT
51	2	X	3/8 - 24 HEX HD. BOLT 4" LG.
50	4	X	10-32 FLAT HD. MACH. SCW 5/8 LG.
49	4	X	1/2 - 20 HEX HD. BOLT 1 1/2 LG.
48	1	X	3/8 - 24 SOC. HD. CAP SCW 3/4 LG.
47	1	X	3/8 - 24 FLAT HD. SCW 3/4 LG.
46	4	X	35 WASHER
45	2	X	3/8 - 24 HEX HD. BOLT 1 1/4 LG
44	2	X	1 LG
43	9	X	5/16 - 24 SOC. HD. CAP SCW 3/4 LG.
42	12	X	1 LG
41	6	X	3/8 - 24 HEX HD. BOLT 3/4 LG
40	2	X	BEARING BLOCK SPREADER
39	1	X	BUNTING BEARING
38	4	X	TORRINGTON INNER RACE
37	2	X	TORRINGTON NEEDLE BEG.
36	2	X	BUNTING THRUST RACE
35	2	X	TORRINGTON INNER RACE .510 LG.
34	C	X	BUNTING THRUST RACE
33	4	X	TORRINGTON NEEDLE BEG.

32	1	X	1698	HANDLE
31	2	X	4745	BEARING CAP
30	1	X	4539	IDLER GEAR SHAFT
29	1	X	4560	IDLER GEAR
28	1	X	4556	SPREADER POWER TAKE OFF
27	1	X	4557	EXCENTRIC SPREADER
26	1	X	4554	SIDE PLATE POWER TAKE OFF - AFT
25	1	X	4555	SIDE PLATE POWER TAKE OFF - FOR
24	2	X	4702	ADJUSTING PLATE
23	1	X	4553	DRIVE SHAFT POWER TAKE OFF
22	1	X		5/16 - 18 JAM NUT
21	1	X		SHOULDER SCW 8B MAX 1 1/4 LG
20	2	X		BRASS WASHER .05TX 3/8 ID 3/4 O.D.
19	1	X	OMIT	NICK UP ARM V PULLY
18	1	X	4585	NICK UP ARM ASSY.
17	2	X	4219-1	END CAP WASHER
16	4	X	4219-B	END CAP WASHER
15	5	X	4579	BEARING BLOCK SPREADER
14	2	X	4578	CONVEYOR SIDE PLATE SPREADER
13	3	X	4577	CONVEYOR SPREADER
12	3	X	4576	SLITTER HEAD GEAR DRIVE
11	2	X	4575	GEAR BELT PULLY 18-HQ-100
10	1	X	4574-1	SPACER SLITTER HEAD
9	2	X	4574-2	SPACER SLITTER HEAD
8	2	X	4573	SLITTER KNIFE
7	1	X	4572	LOWER KNIFE SHAFT
6	1	X	4571	UPPER KNIFE SHAFT
5	1	X	4570	SHEET NICK UP BAR

4	1	X	4569	EXTENDED BEARING BLOCK
3	1	X	4567	SLITTER HD. BEARING BLOCK
2	1	X	4566	CONVEYOR SIDE PLATE - AFT
1	1	X	4565	CONVEYOR SIDE PLATE - FOR