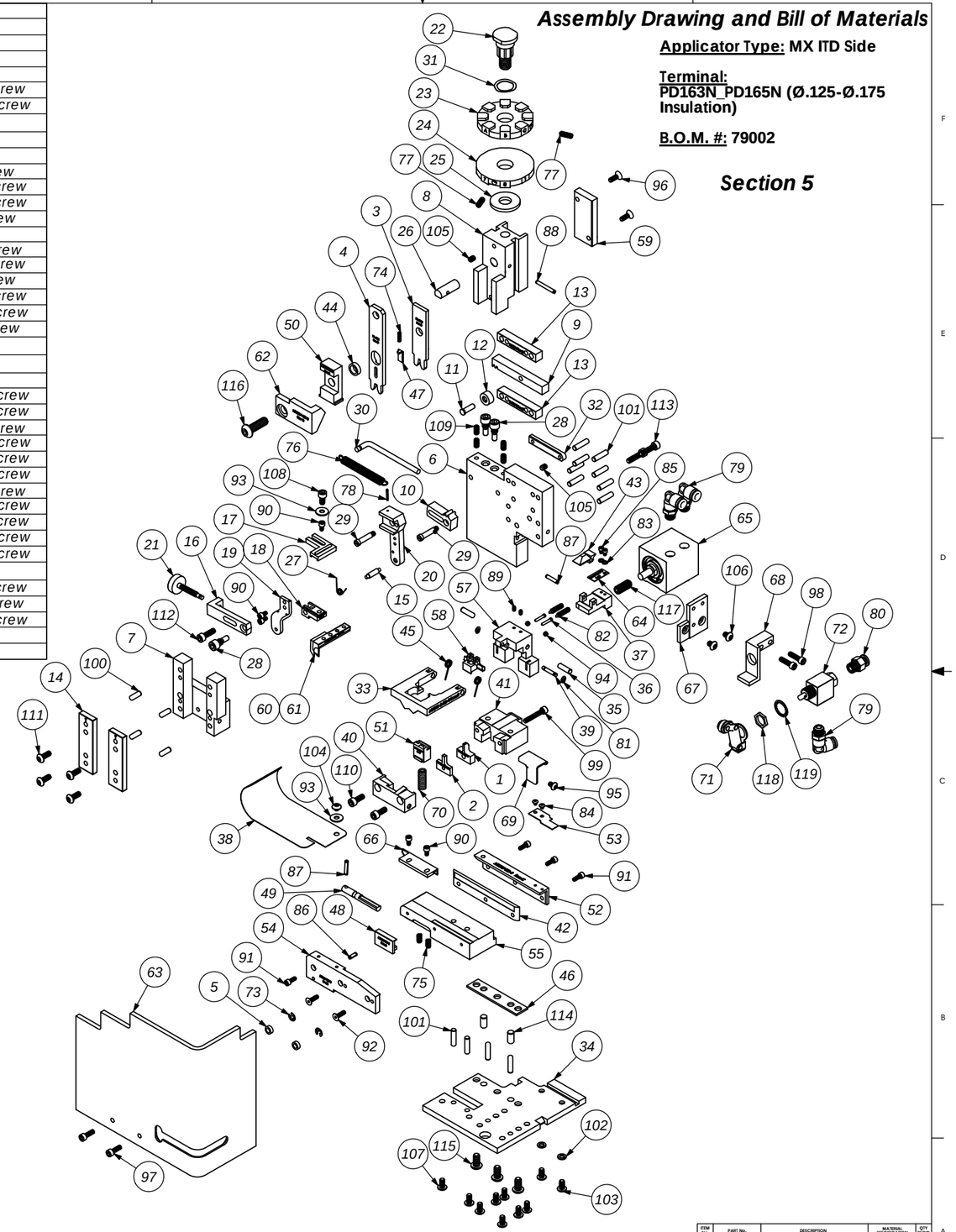
Assembly Drawing and Bill of Materials

Applicator Type: MX ITD Side

Terminal:
PD163N_PD165N (Ø.125-Ø.175 Insulation)

B.O.M. #: 79002

Section 5



Parts List

Item	Part_Code	QTY.	Part No./File Name	Description
1	**76652**	**1**	**9-4001**	**Wire Anvil**
2	**76651**	**1**	**9A-4001**	**Insulation Anvil**
3	**76655**	**1**	**13-4001**	**Wire Rolling Tool**
4	**76559**	**1**	**14-4001**	**Insulation Rolling Tool**
5	73888	2	GS-125	Guard Spacer
6	71494	1	MX2A-S-1	Mounting Frame
7	71030	1	MX2B-S	Plunger Frame
8	74343	1	MX3	Ram
9	74438	1	MX5-S	Cam Rack
10	74346	1	MX6	Gear Arm
11	74347	1	MX7	Cam Pin
12	74350	1	MX8	Cam Roller
13	74351	2	MX10-S	Rack Pad
14	74352	2	MX11	Gib
15	74356	1	MX12	Feed Finger Pivot Pin
16	74360	1	MX13	Adjusting Bar
17	76868	1	MX14-1-S	Feed Finger Arm
18	76874	1	MX15-1-S	Feed Finger Guide
19	74364	1	MX16	Retainer
20	71495	1	MX18-S-1	Swing Arm
21	74376	1	MX25	Stroke Adjustment Screw
22	74407	1	MX33	Mounting Post
23	72002	1	MX34-D	Wire Crimp Dial
24	74409	1	MX35	Insulation Dial
25	74411	1	MX36	Dial Spacer
26	74412	1	MX44	Locating Dowel
27	74415	1	MX45-S	Feed Finger Spring
28	74419	3	MX50	Safety Pivot Pin
29	71493	2	MX52-S-1	Pivot Pin
30	74614	1	MX90-S	Spring Bracket
31	72310	1	MX104	Wave Disc Spring
32	71678	1	MX105-S	Pivot Pin Plate
33	76875	1	MX301-2-ITD-S	Latching Gate
34	72261	1	MX302-1-ITD-S	Base Plate
35	76563	2	MX304-ITD-S	Hinge Pin
36	76564	2	MX305-ITD-S	Pin
37	72258	1	MX306-1-ITD-S	Insulation Pusher for 3/16 Fem. Terminal
38	76566	1	MX307-ITD-S	Stock Chute
39	76567	1	MX308-ITD-S	Latch Pivot Pin
40	78936	1	MX309-4-ITD-S	Cut-off Keeper
41	72257	1	MX310-1-ITD-S	Die Holder
42	76571	1	MX312-ITD-S	Left Feed Shim (3/16" Terminal)
43	76573	1	MX314-ITD-S	Catch
44	76574	1	MX315-ITD-S	Insulation Tool Spacer
45	76575	2	MX316-ITD-S	Latch Spring
46	76576	1	MX317-ITD-S	Base Plate Spacer
47	76578	1	MX319-ITD-S	Knock off
48	76579	1	MX320-ITD-S	Brake
49	76580	1	MX321-ITD-S	Brake Actuator
50	76583	1	MX324-ITD-S	Cut-off Pad Pusher
51	78935	1	MX326-4-ITD-S	Cut-off Pad
52	76586	1	MX327-ITD-S	Left Feed Rail
53	76587	1	MX328-ITD-S	Hold Down Spring
54	76588	1	MX329-ITD-S	Right Feed Rail
55	76589	1	MX330-ITD-S	Feed Plate
56	76590	1	MX331-ITD-S	Latch (Automatic)
57	76591	1	MX332-ITD-S	Support
58	76593	1	MX334-ITD-S	Latch/Wire Stop
59	76608	1	MX335-ITD-S	Cam
60	76661	1	MX337-ITD-S	Feed Finger (fed between carrier and inslu ear)
61	71686	1	MX337-2-ITD-S	Feed Finger (fed in carrier strip hole)
62	72233	1	MX338-1-ITD-S	Arm Switch Cam (1 1/8" Stroke)
63	70745	1	MX339-ITD-S	Guard
64	72260	1	MX344-1-ITD-S	Leaf Spring
65	72099	1	MX348-ITD-S	.550 Strike Slide Cylinder
66	72893	1	MX357-ITD-S	Bracket
67	78733	1	MX358-1-ITD-S	Valve Mounting Plate
68	61993	1	MX358-2-ITD-S	Valve Mounting Plate
69	78835	1	MX360-ITD-S	Scrap Retainer
70	72350	1	5-047x1.000	Compression Spring
71	72317	1	Clippard #12296	Cam Follower
72	72318	1	Clippard MJV-3	3-Way Valve
73	75083	2	Irving 3100-18	External Retaining Ring
74	72315	1	LC-022A-4	Compression Spring
75	78681	2	LC-029B-3-M	Compression Spring
76	74611	1	LE-037CD-6	Extension Spring
77	70739	2	McMaster-Carr #3126A53	Spring Plunger
78	74447	1	McMaster-Carr #98296A109	Expansion Pin (1/16 x 1/2")
79	72352	3	Pisco PL250-N1U	Ø1/4" x 1/8-NPT Elbow Fitting
80	73222	1	Pisco PC250-N1U	1/4" x 1/8" NPT Straight

Parts List

Item	Part_Code	QTY.	Part No./File Name	Description
81	63200	2	Truarc #5555-12	Retaining Ring
82	63201	2	Vlier #PH-51-P	Spring Plunger
83	63202	2	4lw	#4 Lock Washer
84	63203	2	4-40_.13bh	#4-40 x 1/8" Button Hd Cap Screw
85	63204	2	4-40_.16sh	#4-40 x 5/32" Socket Hd Cap Screw
86	63205	1	1.8_.38rp	Ø1/8" x 3/8" Roll Pin
87	63053	2	1.8_.63rp	1/8" x 5/8" Roll Pin
88	62040	1	1.8_1.00rp	1/8" x 1" Roll Pin
89	63206	2	5-40_.19ssf	#5-40 x 3/16" Socket Set Screw
90	63207	5	6-32_.25sh	#6-32 x 1/4" Socket Hd Cap Screw
91	63209	4	6-32_.38sh	#6-32 x 3/8" Socket Hd Cap Screw
92	63057	2	6-32_.50fh	#6-32 x 1/2" Flat Hd Cap Screw
93	63210	2	8fw	#8 Flatwasher
94	63211	2	8-32_.13ssf	#8-32 x 1/8" Socket Hd Set Screw
95	63212	1	8-32_.25bh	#8-32 x 1/4" Button Hd Cap Screw
96	63052	2	8-32_.50fh	#8-32 x 1/2" Flat Hd Cap Screw
97	63164	2	8-32_.50sh	#8-32 x 1/2" Socket Hd Cap Screw
98	63162	2	8-32_.63sh	#8-32 x 5/8" Socket Hd Cap Screw
99	63213	1	8-32_1.00sh	#8-32 x 1" Socket Hd Cap Screw
100	63158	4	3.16_.50dp	Ø3/16" x 1/2" Dowel Pin
101	63470	12	3.16_.75dp	Ø3/16" x 3/4" Dowel Pin
102	78517	2	10lw	#10 Lockwasher
103	63531	2	10-24_.38bh	#10-24 x 3/8" Button Hd Cap Screw
104	78327	1	10-32_.13bh	#10-32 x 1/8" Button Hd Cap Screw
105	63054	2	10-32_.25ss	#10-32 x 1/4" Socket Hd Set Screw
106	78687	2	10-32_.25bh	#10-32 x 1/4" Button Hd Cap Screw
107	78993	8	10-32_.38bh	#10-32 x 3/8" Button Hd Cap Screw
108	70110	1	10-32_.38sh	#10-32 x 3/8" Socket Hd Cap Screw
109		4	10-32_.38ssf	#10-32 x 3/8" Socket Hd Set Screw
110	63056	2	10-32_.50sh	#10-32 x 1/2" Socket Hd Cap Screw
111	76501	4	10-32_.50bh	#10-32 x 1/2" Button Hd Cap Screw
112	70293	1	10-32_.63sh	#10-32 x 5/8" Socket Hd Cap Screw
113	63532	2	10-32_.75sh	#10-32 x 3/4" Socket Hd Cap Screw
114	63827	2	1.4_.50dp	Ø1/4" x 1/2" Dowel Pin
115	63632	3	1.4-20_.50bh	1/4-20 x 1/2" Button Hd Cap Screw
116	63055	1	5.16-18_1.00bh	5/16-18 x 1" Button Hd Cap Screw
117	71086	1	5.16-24_.75ssf	5/16-24 x 3/4" Socket Hd Set Screw
118		1	15.32_32 hex nut	Hex Nut
119		1	1.2isw	1/2" Internal Star Washer

NOTE: ITEMS MARKED IN BOLD TEXT ARE HIGH WEAR ITEMS

NOTE:

(1) Items marked in bold text are high wear items.
(2) Use OEM replacement tooling only.
(3) Recommended machine speed for automatic equipment is a maximum of 3500 parts per hour.

LVL	REVISION	BY/DATE
C	ECR# 3894 SCJ	9/10/15
B	Exploded valve ass'y SCJ	6/12/13
A	Updated 3-way valve ass'y SCJ	4/08/13

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
FRACTIONS ±1/64 DECIMALS .XX ±.01 .XXX ±.001 .XXXX ±.0002 ANGLES ±½°

SURFACE FINISH √ ALL OVER

THE INFORMATION CONTAINED WITHIN THIS DRAWING IS THE SOLE PROPERTY OF ETCO INCORPORATED. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF ETCO INCORPORATED IS PROHIBITED.

PD163N/PD165N

QTY | USED ON

APPLICATION

ITEM No.	PART No.	DESCRIPTION	MATERIAL SPECIFICATION	QTY REQ'D
		PARTS LIST		

MATERIAL: See Parts List

HEAT TREAT:

FINISH:

ETCO ENGINEERED PRODUCTS
25 BELLOWS STREET
WARWICK RI 02888 (401)-467-2400

TITLE: MX ITD Side Feed Applicator

DWG. NO. PD163N_PD165N (Ø.125-Ø.175 Insulation) REV. C

SCALE: 1:2.5 | CAD FILE: | CHECKED BY: | DATE: | DRAWN BY: JT | DATE: 17Sep04 | SIZE D

9/10/2015