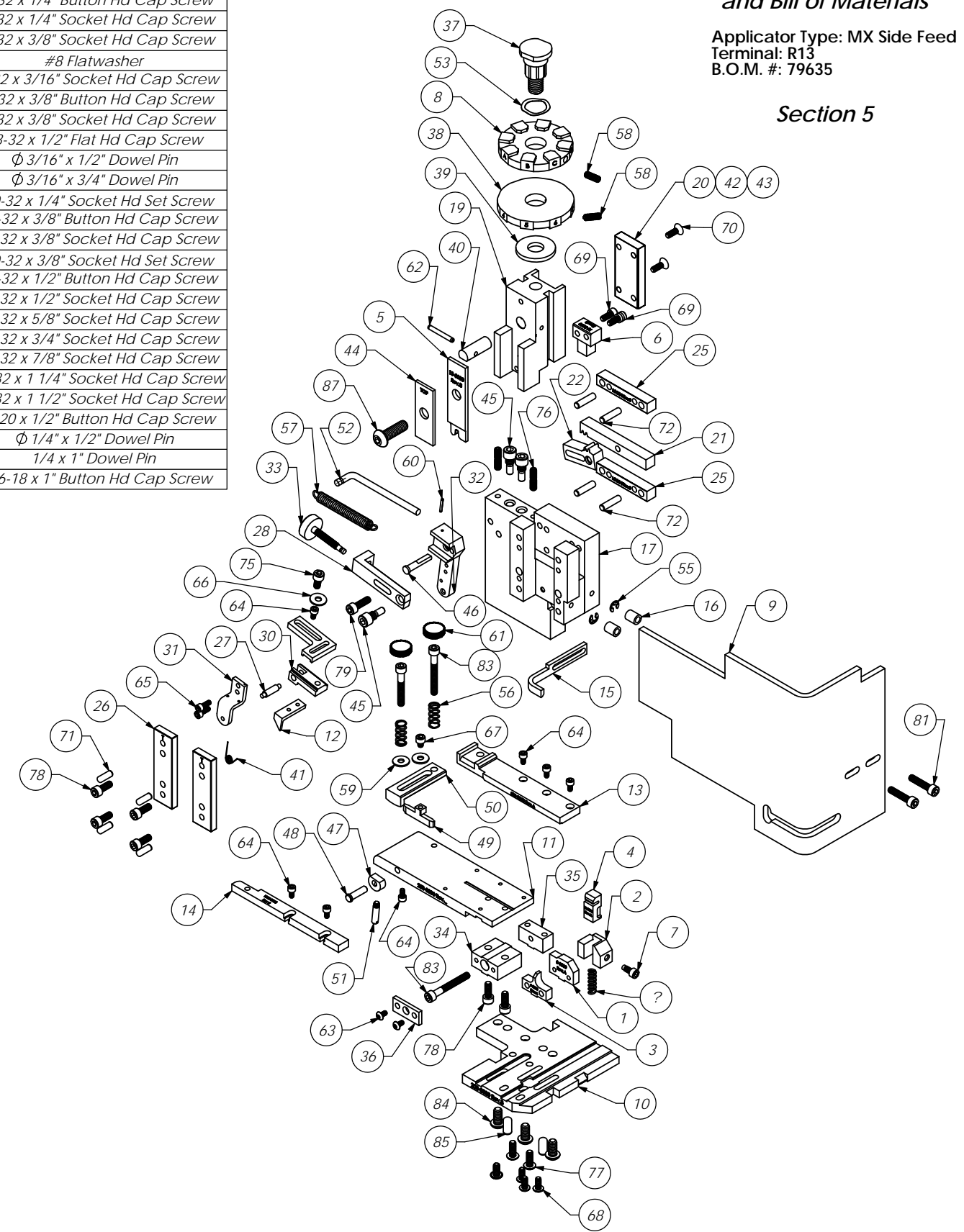


| ITEM NO. | QTY. | Part Code | PART NUMBER              | DESCRIPTION                 | ITEM NO. | QTY. | Part Code | PART NUMBER    | DESCRIPTION                         |
|----------|------|-----------|--------------------------|-----------------------------|----------|------|-----------|----------------|-------------------------------------|
| 1        | 1    | 76205     | 8-3030                   | Cut-off Die                 | 62       | 1    | 62040     | 1.8_1.00rp     | 1/8" x 1" Roll Pin                  |
| 2        | 1    | 74287     | 8-3000                   | Cut-off Pad Retainer        | 63       | 2    | 63792     | 6-32_.25bh     | #6-32 x 1/4" Button Hd Cap Screw    |
| 3        | 1    | 76204     | 9-3030                   | *Anvil                      | 64       | 7    | 63207     | 6-32_.25sh     | #6-32 x 1/4" Socket Hd Cap Screw    |
| 4        | 1    | 74286     | 12-3000                  | Rear cut-off pad            | 65       | 2    | 63209     | 6-32_.38sh     | #6-32 x 3/8" Socket Hd Cap Screw    |
| 5        | 1    | 76202     | 13-3030                  | Wire Rolling Tool           | 66       | 1    | 63210     | 8fw            | #8 Flatwasher                       |
| 6        | 1    | 76206     | 15-3030                  | Driver                      | 67       | 1    | 60265     | 8-32_.19sh     | #8-32 x 3/16" Socket Hd Cap Screw   |
| 7        | 1    | 77265     | 26-3088                  | Locking Screw               | 68       | 4    | 61472     | 8-32_.38bh     | #8-32 x 3/8" Button Hd Cap Screw    |
| 8        | 1    | 78845     | 34-3030                  | Wire Crimp Dial             | 69       | 5    | 63161     | 8-32_.38sh     | #8-32 x 3/8" Socket Hd Cap Screw    |
| 9        | 1    | 76403     | 199-3005                 | Safety Guard                | 70       | 2    | 63052     | 8-32_.50fh     | #8-32 x 1/2" Flat Hd Cap Screw      |
| 10       | 1    | 76304     | 200-3030                 | Baseplate                   | 71       | 4    | 63158     | 3.16_.50dp     | Φ 3/16" x 1/2" Dowel Pin            |
| 11       | 1    | 76305     | 250-3030                 | Feed Plate                  | 72       | 4    | 63470     | 3.16_.75dp     | Φ 3/16" x 3/4" Dowel Pin            |
| 12       | 1    | 75942     | 303-3021                 | Feed Finger                 | 73       | 2    | 63054     | 10-32_.25ss    | #10-32 x 1/4" Socket Hd Set Screw   |
| 13       | 1    | 76306     | 500-3030                 | Rear Guide Rail             | 74       | 1    | 78993     | 10-32_.38bh    | #10-32 x 3/8" Button Hd Cap Screw   |
| 14       | 1    | 75073     | 1000-3006                | Front Guide Rail            | 75       | 1    | 70110     | 10-32_.38sh    | #10-32 x 3/8" Socket Hd Cap Screw   |
| 15       | 1    | 74568     | 1600-3000                | Stripper / Wire Stop        | 76       | 4    | 71626     | 10-32_.38ss    | #10-32 x 3/8" Socket Hd Set Screw   |
| 16       | 2    | 74491     | GS-375                   | Guard Spacer                | 77       | 2    | 76501     | 10-32_.50bh    | #10-32 x 1/2" Button Hd Cap Screw   |
| 17       | 1    | 71029     | MX2A-S                   | Mounting Frame              | 78       | 6    | 63056     | 10-32_.50sh    | #10-32 x 1/2" Socket Hd Cap Screw   |
| 18       | 1    | 71030     | MX2B-S                   | Plunger Frame               | 79       | 1    | 70293     | 10-32_.63sh    | #10-32 x 5/8" Socket Hd Cap Screw   |
| 19       | 1    | 74343     | MX3                      | Ram                         | 80       | 2    | 63532     | 10-32_.75sh    | #10-32 x 3/4" Socket Hd Cap Screw   |
| 20       | 1    | 74344     | MX4-S                    | Cam (1 5/8" Up Stroke)      | 81       | 2    | 70925     | 10-32_.88sh    | #10-32 x 7/8" Socket Hd Cap Screw   |
| 21       | 1    | 74438     | MX5-S                    | Cam Rack                    | 82       | 1    | 77396     | 10-32_1.25sh   | #10-32 x 1 1/4" Socket Hd Cap Screw |
| 22       | 1    | 74346     | MX6                      | Gear Arm                    | 83       | 2    | 63826     | 10-32_1.50sh   | #10-32 x 1 1/2" Socket Hd Cap Screw |
| 23       | 1    | 74347     | MX7                      | Cam Pin                     | 84       | 3    | 63632     | 1.4-20_.50bh   | 1/4-20 x 1/2" Button Hd Cap Screw   |
| 24       | 1    | 74350     | MX8                      | Cam Roller                  | 85       | 2    | 63827     | 1.4_.50dp      | Φ 1/4" x 1/2" Dowel Pin             |
| 25       | 2    | 74351     | MX10-S                   | Rack Pad                    | 86       | 2    | 63510     | 1.4_1.00dp     | 1/4 x 1" Dowel Pin                  |
| 26       | 2    | 74352     | MX11                     | Gib                         | 87       | 1    | 63055     | 5.16-18_1.00bh | 5/16-18 x 1" Button Hd Cap Screw    |
| 27       | 1    | 74356     | MX12                     | Feed Finger Pivot Pin       |          |      |           |                |                                     |
| 28       | 1    | 74360     | MX13                     | Adjusting Bar               |          |      |           |                |                                     |
| 29       | 1    | 74361     | MX14-S                   | Feed Finger Arm             |          |      |           |                |                                     |
| 30       | 1    | 74362     | MX15-S                   | Feed Finger Guide           |          |      |           |                |                                     |
| 31       | 1    | 74364     | MX16                     | Retainer                    |          |      |           |                |                                     |
| 32       | 1    | 74371     | MX18-S                   | Swing Arm                   |          |      |           |                |                                     |
| 33       | 1    | 74376     | MX25                     | Stroke Adjustment Screw     |          |      |           |                |                                     |
| 34       | 1    | 74384     | MX29-S                   | Slide Support               |          |      |           |                |                                     |
| 35       | 1    | 74388     | MX30-S                   | Support Anchor              |          |      |           |                |                                     |
| 36       | 1    | 74390     | MX32-S                   | Support Cover               |          |      |           |                |                                     |
| 37       | 1    | 74407     | MX33                     | Mounting Post               |          |      |           |                |                                     |
| 38       | 1    | 74409     | MX35                     | Insulation Dial             |          |      |           |                |                                     |
| 39       | 1    | 74411     | MX36                     | Dial Spacer                 |          |      |           |                |                                     |
| 40       | 1    | 74412     | MX44                     | Locating Dowel              |          |      |           |                |                                     |
| 41       | 1    | 74415     | MX45-S                   | Feed Finger Spring          |          |      |           |                |                                     |
| 42       | 1    | 74416     | MX47-S                   | Cam (1 5/8" Down stroke)    |          |      |           |                |                                     |
| 43       | 1    | 74417     | MX48-S                   | Cam (1 1/8" Up Stroke)      |          |      |           |                |                                     |
| 44       | 1    | 74418     | MX49                     | Tool Retainer               |          |      |           |                |                                     |
| 45       | 3    | 74419     | MX50                     | Safety Pivot Pin            |          |      |           |                |                                     |
| 46       | 2    | 74420     | MX52                     | Pivot Pin                   |          |      |           |                |                                     |
| 47       | 1    | 74425     | MX84-S                   | Brake Cam                   |          |      |           |                |                                     |
| 48       | 1    | 74426     | MX85-S                   | Cam Pivot Pin               |          |      |           |                |                                     |
| 49       | 1    | 74428     | MX86-S                   | Brake Shoe                  |          |      |           |                |                                     |
| 50       | 1    | 75178     | MX87-S                   | Lift Arm                    |          |      |           |                |                                     |
| 51       | 1    | 74430     | MX88-S                   | Lever                       |          |      |           |                |                                     |
| 52       | 1    | 74614     | MX90-S                   | Spring Bracket              |          |      |           |                |                                     |
| 53       | 1    | 72310     | MX104                    | Wave Disc Spring            |          |      |           |                |                                     |
| 54       | 1    | 74578     | 4-034-875                | Spring                      |          |      |           |                |                                     |
| 55       | 2    | 75083     | Irving 3100-18           | External Retaining Ring     |          |      |           |                |                                     |
| 56       | 2    | 77322     | LC-045E-10-M             | Spring                      |          |      |           |                |                                     |
| 57       | 1    | 74611     | LE-037CD-6               | Extension Spring            |          |      |           |                |                                     |
| 58       | 2    | 70739     | McMaster-Carr #3126A53   | Spring Plunger              |          |      |           |                |                                     |
| 59       | 2    | 72519     | McMaster Carr #98029A043 | #8 Hardened Washer          |          |      |           |                |                                     |
| 60       | 1    | 74447     | McMaster-Carr #98296A109 | Expansion Pin (1/16 x 1/2") |          |      |           |                |                                     |
| 61       | 2    | 73785     | SPI 99-602-5             | #10 Black Knurled Knob      |          |      |           |                |                                     |

**Assembly Drawing and Bill of Materials**  
 Applicator Type: MX Side Feed  
 Terminal: R13  
 B.O.M. #: 79635

**Section 5**



**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.

| ITEM NO.   | PART NO. | DESCRIPTION               | MATERIAL SPECIFICATION | QTY.                             | REVISION |
|--|----------|---------------------------|------------------------|----------------------------------|----------|
| <p>DO NOT SCALE DRAWING<br/>           UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE FRACTIONAL DECIMALS ANGLES SURFACE FINISH ALL OVER</p>  |          |                           |                        |                                  |          |
| <p>THE INFORMATION CONTAINED WITHIN THIS DRAWING IS THE SOLE PROPERTY OF ETICO. NO PART OF THIS DOCUMENT OR ANY INFORMATION CONTAINED HEREIN IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ETICO ENGINEERED PRODUCTS.</p> |          |                           |                        |                                  |          |
| <p>ETICO ENGINEERED PRODUCTS<br/>           25 BELLEWIS STREET<br/>           WARWICK, RI 02886 (401) 467-2400</p>   |          | <p><b>R13 MX Mini</b></p> |                        |                                  |          |
| <p>SCALE: 1:2</p>  |          | <p>CAD FILE: SCJ</p>      |                        | <p>CHECKED BY: DATE: 6/23/13</p> |          |
| <p>REVISION: 1</p>   |          | <p>DATE: 6/23/13</p>      |                        | <p>BY: SCJ</p>                   |          |