

Mecal

BY STARN



APPLICATORS



MRS
Restyling Left Side Feed



MRSP
Restyling Pneumatic Left Side Feed



MRF
Restyling End Feed



MRFP
Restyling Pneumatic End Feed



MRSPJ8
Mylar Tape Mounted Terminals

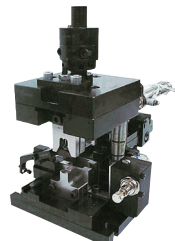


MRFSJ1
Restyling with Manual Slide

| | | | | | | |
|----------------------------|--|--|--|--|--|------------------------------------|
| DESCRIPTION: | Restyling left side feed mini applicator | Restyling pneumatic left side feed mini applicator | Restyling end feed mini applicator | Restyling pneumatic end feed mini applicator | Restyling pneumatic left side feed mini applicator | Loose piece manual / slide |
| CRIMPING HEIGHT: | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm |
| STROKE: | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30mm |
| TERMINAL PITCH: | (<1.06") < 27 mm | (1.06") 27mm Max. stroke 35mm | (<1.06") < 27 mm | (1.06") 27 mm Max. stroke 41mm | (1.06") 27mm Max. stroke 35mm | Loose |
| TERMINAL THICKNESS: | (<0.047") < 1.2mm | (<0.047") < 1.2mm | (<0.047") < 1.2mm | (<0.047") < 1.2mm max 25mm2 | | (0.047") 1.2 mm |
| WIRE SECTION: | max 10mm2 | max 10mm2 | max 10mm2 | max 10mm2 | max 10mm2 | max 10mm2 |
| FEEDING SYSTEM: | Mechanical | air pressure 5/6 Bar - continuous air (6mm air line) | Mechanical | air pressure 5/6 Bar | air pressure 5/6 Bar - continuous air (6mm air line) | Manual / Slide |
| WEIGHT: | (8.6 lb) 3.9 Kg | (9.02 lb) 4.1 Kg | (8.8 lb) 4.0 Kg | (8.8 lb) 4.0 Kg | (9.02 lb) 4.1 Kg | (7.1 lb) 3.2 Kg |
| DIMENSION mm: | W 144 x H 145.5 x D 105 | W 140.5 x H 145.5 x D 105 | W 72 x H 145.5 x D 196.5 | W 79.5 x H 145.5 x D 157 | W 140.5 x H 145.5 x D 105 | W 79.5 x H 145.5 x D 157+60mm |
| DIMENSION ("): | W 5.66" x H 5.72" x D 4.13" | W 5.53" x H 5.72" x D 4.13" | W 2.83" x H 5.72" x D 7.73" | W 2.83" x H 5.72" x D 7.73" | W 5.53" x H 5.72" x D 4.13" | W 3.13 x H 5.73 x D 6.18 + 2.36 |
| REGULATING HEAD: | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | *Patent Pending |



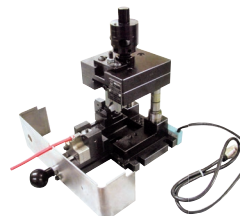
MSEP/S
Two Post Die
Pneumatic Side Feed



MSEP/F
Two Post Die
Pneumatic End Feed



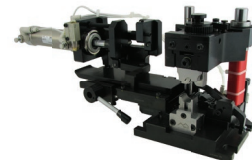
MSC
Extreme Two Post
Die Loose Terminals



MSES
Two Post Die
Loose Terminals



MFMP
Two Post Die
End Feed



MSMP
Two Post Die
Side Feed

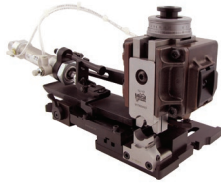
| | | | | | | |
|----------------------------|----------------------------------|---------------------------------|---------------------------|---|------------------------------------|------------------------------------|
| DESCRIPTION: | Pneumatic side feed two-post die | Pneumatic end-feed two-post die | Extreme duty two-post die | Two-post die with manual feeding slide | Pneumatic end feed two-post die | Pneumatic side feed two-post die |
| CRIMPING HEIGHT: | (7.48/8.346") 190/272 mm | (7.48/8.346") 190/212 mm | 190mm | (7.48/8.346") 190/272mm | (5.61") 142.6 mm | (5.61") 142.6 mm |
| STROKE: | (1.968/1.575") 50/40 mm | (1.968/1.575") 50/40 mm | (1.968") 50 mm | (1.968/1.575") 50/40 mm | (1.97") 50 mm | (1.97") 50 mm |
| TERMINAL PITCH: | Not binding | Not binding | Loose | Loose | Not binding | Not binding |
| TERMINAL THICKNESS: | (0.059") above 1.5 mm | (0.059") above 1.5 mm | > 1.5mm | (0.059") above 1.5mm | (0.047" to 0.059") 1.2 to 1.5mm | (0.047" to 0.059") 1.2 to 1.5mm |
| WIRE SECTION: | up to 75 mm2 (3/0 AWG) | up to 75 mm2 (3/0 AWG) | above 75mm2 (3/0 AWG) | up to 75 mm2 (3/0 AWG) | max 25 mm2 | max 25 mm2 |
| FEEDING SYSTEM: | air pressure 5/6 bar | air pressure 5/6 bar | Manual / Slide | Manual / Slide | air pipe 04 mm, 5/6 bar | air pipe 04 mm, 5/6 bar |
| WEIGHT: | (37.4 lb) 17 Kg | (37.4 lb) 17 Kg | (44.85 lb) 20.4 Kg | (29.9 lb) 13.6 Kg | (37.4 lb) 17 Kg | (37.4 lb) 17 Kg |
| DIMENSION mm: | W 450 x H 210 x D 150 | W 170 x H 210 x D 450 | W 250 x H 270 x D 197 | W 9 (without guard) 170 x H 210 x D 200 | W 510 x H 210 x D 190 | W 510 x H 210 x D 190 |
| DIMENSION ("): | W 17.7 x H 8.26 x D 5.9 | W 6.69 x H 8.26 x D 17.7 | W 9.84 x H 10.6 x D 7.75 | W 6.69 (without guard) x H 8.26 x D 7.87 | W 20.1 x H 8.3 x D 7.5 | W 20.1 x H 8.3 x D 7.5 |

Disclaimer: The terminal design and wire size determine the applicator style.

APPLICATORS



FMP
Magnum
End Feed



LMP
Magnum Applicator -
Pneumatic Left Side Feed



FERRULE
Applicator



FMK
Heavy Duty 4 Points
Crimp Applicator



MK
4 Points
Crimp Applicator

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| DESCRIPTION: | Magnum pneumatic end feed | Slide-feed magnum applicator | Mini applicator designed to crimp end sleeve ferrules | The FMK - Heavy duty 4 points crimp applicator is designed to crimp loose end sleeve (tube) terminals. | Magnum 4-point crimp applicator designed for loose piece closed barrel terminals. | Restyling left side feed mini applicator |
| CRIMPING HEIGHT: | (5.346") 135.8mm | (5.346") 135.8 mm | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm | (5.346") 135.8mm |
| STROKE: | (1.575/1.18") 40/30mm | (1.575/1.18") 40/30 mm | (1.180/1.575") 30mm or 40mm | (1.1580/1.575") 30mm or 40mm | (1.180/1.575") 30mm or 40mm | (1.575/1.18") 40/30mm |
| TERMINAL PITCH: | Not binding | Not binding | | not / whit binding | | (<1.06") < 27 mm |
| TERMINAL THICKNESS: | (0.047" to 0.059") 1.2 to 1.5mm | (0.047" to 0.059") 1.2 to 1.5mm | | (until to 0.078") until to 2mm | (.024") .6mm | (<0.047") < 1.2mm |
| WIRE SECTION: | max 25mm ² | max 25 mm ² (3 AWG) | | max 25mm ² (3 awg) | 62 mm (10 awg) | max 10mm ² |
| FEEDING SYSTEM: | air pressure 5/6 Bar | air pressure 5/6 bar | | air pressure 5/6 Bar | | Mechanical |
| WEIGHT: | (16.3 lb) 7.4 Kg | (16.3 lb) 7.4 Kg | (9.02 lb) 4.1 Kg | (16.3 lb) 7.4 Kg | | (8.6 lb) 3.9 Kg |
| DIMENSION mm: | W 128 x H 145.5 x D 320 | W 320 x H 145.5 x D 140 | W 140.5 x H 145.5 x D 105 | W 163 x H 145.5 x D 200 | | W 144 x H 145.5 x D 105 |
| DIMENSION ("): | W 5.04" x H 5.72" x D 12.5" | W 12.5 x H 5.72 x D 5.51 | W 5.53" x H 5.72" x D 4.13" | W 6.42 x H 5.72 x D 7.87 | | W 5.66" x H 5.72" x D 4.13" |
| REGULATING HEAD: | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range | Continuous regulating head. (0.00039") 0.01mm resolution. (0.106") 2.7mm range |

Samtec Approved Applicators for all Samtec Terminals.

PRESSES



TT
Crimping Press



P107C
Crimping Press



P040
Crimping Press



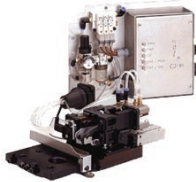
P080
Crimping Press



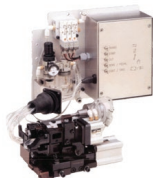
P120
Crimping Press

| | | | | | |
|--------------------------|--------------------------|---------------------------|--|--|--|
| POWER | (0.75 HP) 0.55 Kw | (1 HP) 0.75 Kw | (2.5 HP) 1.87 Kw | (5.5 HP) 4.2 Kw | (5.5 HP) 4.2 Kw |
| FORCE | 1.5 Ton | 2 Ton | 4 Ton | 8 Ton | 12 Ton |
| SHUT HEIGHT | (5.34") 135.8mm | (5.34") 135.8mm | (5.34") 135.8mm (8.34") 212mm two post die | (5.34") 135.8mm (8.34") 212mm | (5.34") 135.8mm applicators (8.34") 212mm two post dies |
| STROKE | (1.57") 40mm | (1.57") 40mm | (0.78") 20mm (0.98") 25mm (1.18") 30mm (1.38") 35mm (1.57") 40mm | (1.18") 30mm (1.26") 32mm (1.38") 35mm (1.97") 50mm (1.57") 40mm (2.36") 60mm | (1.18") 30mm (1.26") 32mm (1.38") 35mm (1.57") 40mm (1.97") 50mm (2.36") 60mm |
| WEIGHT | (95.6 lb) 41Kg | (189 lb) 85 Kg | (326 lb) 148 Kg | (365 lb) 166 Kg | (392 lb) 178 Kg |
| DIMENSION (mm) | W 200 x H 580 x D 300 | W 280 x H 860 x D 310 | W 360 x H 1050 x D 400 | W 380 x H 1100 x D 420 | W 380 x H 1100 x D 420 |
| DIMENSION (") | W 7.9" x H 23" x D 11.8" | W 11" x H 33.8" x D 12.2" | W 14.1" x H 41.3" x D 15.7" | W 14.9" x H 43.3" x D 16.5" | W 14.9" x H 43.3" x D 16.5" |
| CONFIGURATION | Manual / Automatic | Manual / Automatic | Benchtop / Automatic | Benchtop / Automatic | Benchtop / Automatic |
| POWER SUPPLY | Single | Single | Man 3F / Auto 3F | Man 3F / Auto | Man 3F / Auto 3F |
| VOLTAGE | 110v | 110v | 230V / 400V / 480V | 230V / 400V / 480V | 230V / 400V / 480V |
| SURFACE FINISHING | Light grey | | Light grey | Light grey | Light grey |

CUTTER / STRIP ACCESSORIES



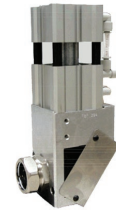
SC11
Stripper
Crimper



SC12
Stripper
Crimper



SC19
In Line
Stripping Unit



TBPR
Heavy Duty Carrier
Strip Cutter



SMST
Crimp Pull Test
Gauge

| | | | | | |
|---------------------------------|--|---|--|-----------------------------|------------------------------|
| PART NUMBER: | 79000016 | 79000023 | 79000030 | 87160072 | 871920160 |
| AIR PRESSURE: | 5 - 7 | 5 - 7 | 5 - 7 | 5 - 7 | N/A |
| DIMENSION (mm): | W 212 x H 96 x D 98 | W 212 x H 96 x D 98 | W 260 x H 120 x D 120 | W 105 x H 197 x D 90 | W 190 x H 240 x D 410 |
| DIMENSION ("): | W 8.32" x H 3.78" x D 3.86" | W 8.32" x H 3.78" x D 3.86" | W 10.2" x H 4.72" x D 4.72" | W 4.13" x H 7.75" x D 3.54" | W 7.48" x H 9.44" x D 16.14" |
| WEIGHT: | (11.2 lb) 5.1 kg | (11.2 lb) 5.1 kg | (9.88 lb) 4.5 kg | (6.22 lb) 2.8 Kg | (31.1 lb) 14 kg |
| POWER SUPPLY: | 18 V AC, 24 V DC | 18 V AC, 24 V DC | 18 V AC, 24 V DC | | 220 V - 50 Hz |
| WIRE SECTION: | 0.2-5mm ² (32-10 AWG) ø isolante max 4.5mm | 0.2-6mm ² (32-9 AWG) ø isolante max 5.5mm | 0.2-2.5mm ² (32-13 AWG) ø isolante max 3.5mm | | |
| STRIPPING LENGTH: | (0.078 - 0.473") 2 - 12mm | (0.078 - 0.473") 2 - 12mm | (0.078 - 0.473") 2 - 12mm | | |
| JACKET STRIPPING LENGTH: | (min 0.98")* min 25*mm | | (min 0.78")* min 20*mm | | |

i-STYLE PRESSES

"For data driven wire processing"



P020i
Crimping Press



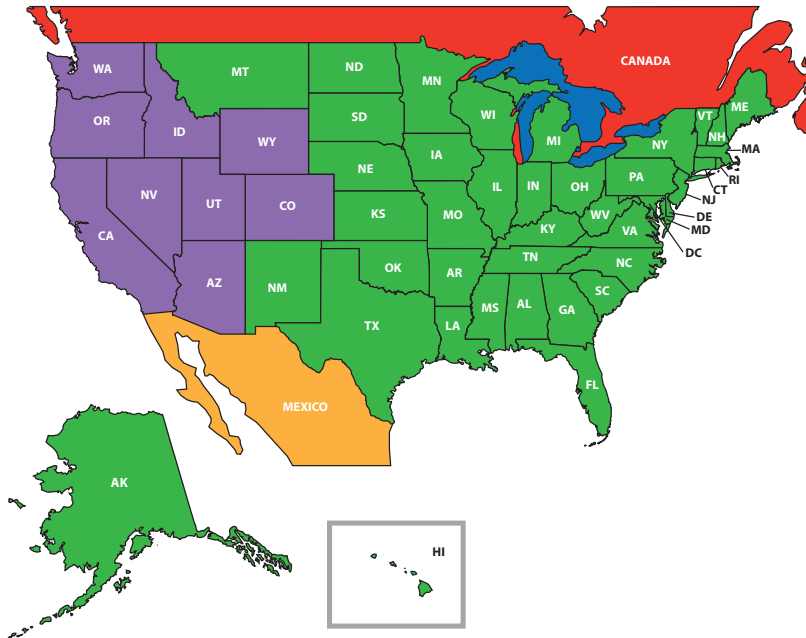
P040i
Crimping Press



P250i
Crimping Press

| | | | | | |
|--------------------------|---------------------------|--|--|--|---------------------------------|
| POWER | (1 HP) 0.75 Kw | (1 HP) 0.75 Kw | (2.5 HP) 1.87 Kw | (5.5 HP) 4.2 Kw | (10 HP) 7.5 Kw |
| FORCE | 2 Ton | 4 Ton | 8 Ton | 12 Ton | 25 Ton |
| SHUT HEIGHT | (5.35") 135.8 ±0.02mm | (5.35") 135.8 ±0.02mm applicators | (5.35") 135.8 ±0.02mm applicators | (5.35") 135.8 ±0.02mm applicators | (7.48") 190mm |
| STROKE | (1.57") 40mm | (0.79") 20mm (0.98") 25mm (1.18") 30mm (1.38") 35mm (1.57") 40mm | (1.18") 30mm (1.38") 35mm (1.57") 40mm (1.38") 35mm (1.97") 50mm | (1.18") 30mm (1.38") 35mm (1.57") 40mm (1.97") 50mm | (1.969") 50mm |
| WEIGHT | (220 lb) 100 Kg | (364 lb) 165 Kg | (364 lb) 165 Kg | (364 lb) 165 Kg | (3417 lb) 1550 Kg |
| DIMENSION (mm) | W 562.5 x H 842 x D 404 | W 468.6 x H 1010 x D 533.8 | W 468.6 x H 1010 x D 533.8 | W 468.6 x H 1010 x D 533.8 | W 900 x H 2600 x D 1400 |
| DIMENSION (") | W 22" x H 33.1" x D 15.9" | W 18.4" x H 39.8" x D 21" | W 18.4" x H 39.8" x D 21" | W 18.4" x H 39.8" x D 21" | W 35.43" x H 102.36" x D 55.11" |
| CONFIGURATION | Manual / Automatic | Manual / Automatic | Manual / Automatic | Manual / Automatic | Manual |
| POWER SUPPLY | | | | | |
| VOLTAGE | 230 - 400 Vac | 230 - 400 - 500 Vac | 230 - 400 - 500 Vac | 230 - 400 - 500 Vac | 220VAC / 380VAC |
| SURFACE FINISHING | Light grey RAL 7038 | Light grey RAL 7038 | Light grey RAL 7038 | Light grey RAL 7038 | Light grey RAL 7038 |

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WHAT MAKES US DIFFERENT?



- SHORT LEAD TIMES
- ★
- COMMITMENT TO QUALITY
- ★
- USER-FRIENDLY EQUIPMENT



SPARE PARTS

- ★ INDUSTRY LEADING DELIVERY TIME ON QUALITY SPARE TOOLING
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- ★ 200,000+ HITS EXPECTED*

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- ▶ **U.S. based manufacturing**
- ▶ **Industry leading delivery time of 3 weeks on standard applicators**
- ▶ **Spare part delivery of 2 weeks**
- ▶ **Reverse engineering capabilities**



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