

Mecal

BY STARN



APPLICATORS



MRS
Restyling Left
Side Feed



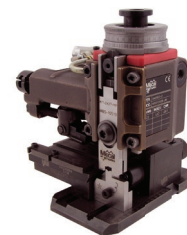
MRSP
Restyling Pneumatic
Left Side Feed



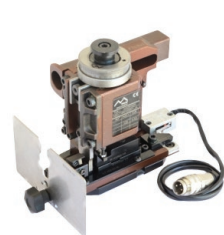
MRF
Restyling
End Feed



MRFP
Restyling Pneumatic
End Feed

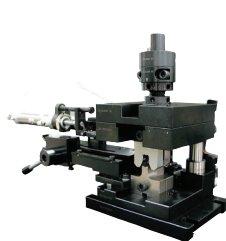


MRSPJ8
Mylar Tape
Mounted Terminals

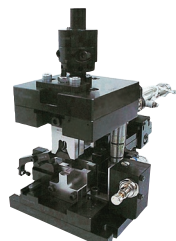


MRFSJ1
Restyling with
Manual Slide

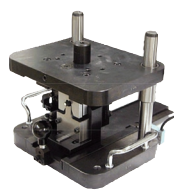
DESCRIPTION:	Restyling left side feed mini applicator	Restyling pneumatic left side feed mini applicator	Restyling end feed mini applicator	Restyling pneumatic end feed mini applicator	Restyling pneumatic left side feed mini applicator	Loose piece manual / slide
CRIMPING HEIGHT:	(5.346") 135.8mm	(5.346") 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



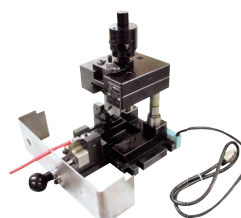
MSEP/S
Two Post Die
Pneumatic Side Feed



MSEP/F
Two Post Die
Pneumatic End Feed



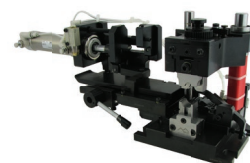
MSC
Extreme Two Post
Die Loose Terminals



MSES
Two Post Die
Loose Terminals



MFMP
Two Post Die
End Feed



MSMP
Two Post Die
Side Feed

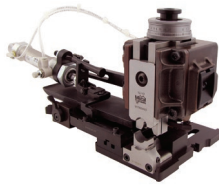
DESCRIPTION:	Pneumatic side feed two-post die	Pneumatic end-feed two-post die	Extreme duty two-post die	Two-post die with manual feeding slide	Pneumatic end feed two-post die	Pneumatic side feed two-post die
CRIMPING HEIGHT:	(7.48/8.346") 190/272 mm	(7.48/8.346") 190/212 mm	190mm	(7.48/8.346") 190/272mm	(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 25mm2	max 25 mm2 (3 AWG)		max 25mm2 (3 awg)	62 mm (10 awg)	max 10mm2
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



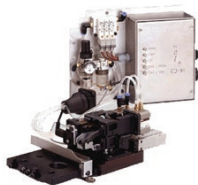
P080
Crimping Press



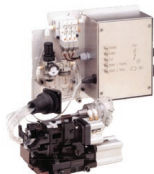
P120
Crimping Press

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

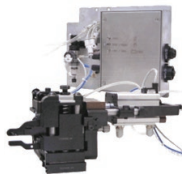
CUTTER / STRIP ACCESSORIES



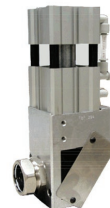
SC11
Stripper
Crimper



SC12
Stripper
Crimper



SC19
In Line
Stripping Unit



TBPR
Heavy Duty Carrier
Strip Cutter



SMST
Crimp Pull Test
Gauge

PART NUMBER:	790000016	790000023	790000030	871600072	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



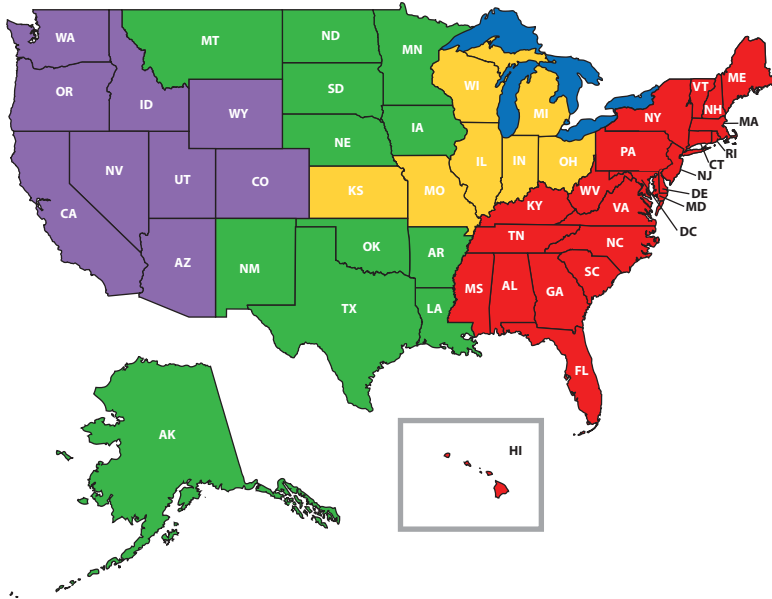
P040i
Crimping Press



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 (1.97") 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

★ 2-WEEK LEAD TIME ON
PERISHABLE TOOLING

★ 200,000+ HITS EXPECTED*

**With proper maintenance & use*



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