

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

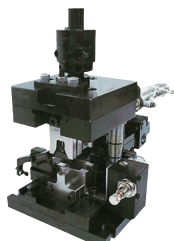


MRFSJ1
Restyling with
Manual Slide

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
OPTION:	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	



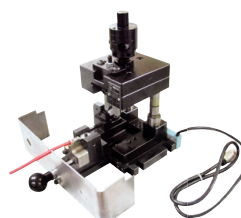
MSEP/S
Two Post Die
Pneumatic Side Feed



MSEP/F
Two Post Die
Pneumatic End Feed



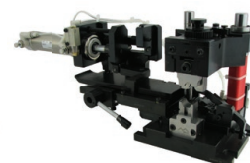
MSC
Extreme Two Post
Die Loose Terminals



MSES
Two Post Die
Loose Terminals



MFMP
Two Post Die
End Feed



MSMP
Two Post Die
Side Feed

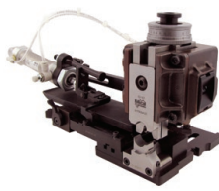
DESCRIPTION:	Pneumatic side feed two-post die	Pneumatic end-feed two-post die	Extreme duty two-post die	Two-post die with manual feeding slide	Pneumatic end feed two-post die	Pneumatic side feed two-post die
CRIMPING HEIGHT:	(7.48/8.346") 190/272 mm	(7.48/8.346") 190/212 mm	190mm	(7.48/8.346") 190/272mm	(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		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		(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 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 6.42 x H 5.72 x D 7.87		W 5.66" x H 5.72" x D 4.13"
OPTION:			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



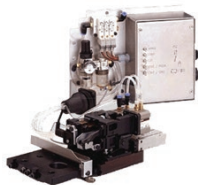
P120
Crimping Press



P020i
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	(1 HP) 0.75 Kw
FORCE	1.5 Ton	2 Ton	4 Ton	8 Ton	12 Ton	2 Ton
CRIMPING HEIGHT	(5.34") 135.8mm	(5.34") 135.8mm	(5.34") 135.8mm applicators (8.34") 212mm two post die	(5.34") 135.8mm mini e magnum (8.34") 212mm stampi	(5.34") 135.8mm applicators (8.34") 212mm two post dies	(5.35") 135.8 ±0.02mm
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	(1.57") 40mm
WEIGHT	(95.6 lb) 41Kg	(189 lb) 85 Kg	(326 lb) 148 Kg	(365 lb) 166 Kg	(392 lb) 178 Kg	(220 lb) 100 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	W 562.5 x H 842 x D 404
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"	W 22" x H 33.1" x D 15.9"
CONFIGURATION	Manual / Automatic	Manual / Automatic	Benchtop / Automatic	Benchtop / Automatic	Benchtop / Automatic	Manual / Automatic
POWER SUPPLY	110v	110v	Man 3F / Auto 3F	Man 3F / Auto	Man 3F / Auto 3F	1x230 Vac / 3x400 Vac
VOLTAGE	110v	110v	400V / 230V / 480V	400V / 230V / 480V	400V / 230V / 480V	230 - 400 Vac
SURFACE FINISHING	Light grey RAL7038	Nichelatura chimica	Light grey RAL 7038	Light grey RAL 7038	Light grey RAL 7038	Light grey RAL 7038

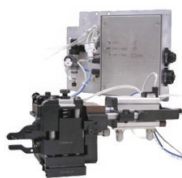
CUTTER / STRIP ACCESSORIES



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		

PRESSES



P040i
Crimping Press

(1 HP) 0.75 Kw
4 Ton
(5.35") 135.8 ±0.02mm applicators
(0.79") 30mm (0.98") 25mm (1.18") 30mm (1.38") 35mm (1.57") 40mm

(364 lb) 165 Kg
W 468.6 x H 1010 x D 533.8
W 18.4" x H 39.8" x D 21"
Manual / Automatic
3x230 Vac / 3x400 Vac
230 - 400 - 500 Vac
Light grey RAL 7038

P080i
Crimping Press

(2.5 HP) 1.87 Kw
8 Ton
(5.35") 135.8 ±0.02mm applicators
(1.18") 30mm (1.38") 35mm (1.57") 40mm (1.97") 50mm

(364 lb) 165 Kg
W 468.6 x H 1010 x D 533.8
W 18.4" x H 39.8" x D 21"
Manual / Automatic
3x230 Vac / 3x400 Vac
230 - 400 - 500 Vac
Light grey RAL 7038

P120i
Crimping Press

(5.5 HP) 4.2 Kw
12 Ton
(5.35") 135.8 ±0.02mm applicators
(1.18") 30mm (1.38") 35mm (1.57") 40mm (1.97") 50mm

(364 lb) 165 Kg
W 468.6 x H 1010 x D 533.8
W 18.4" x H 39.8" x D 21"
Manual / Automatic
3x230 Vac / 3x400 Vac
230 - 400 - 500 Vac
Light grey RAL 7038

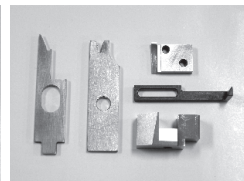
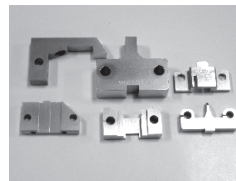
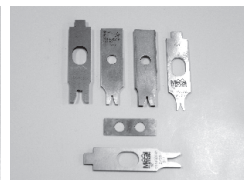
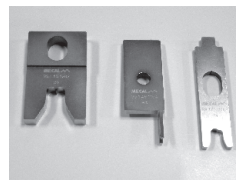
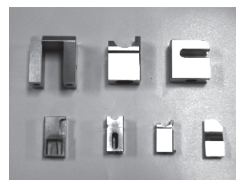


P250i
Crimping Press

(10 HP) 7.5 Kw
25 Ton
(7.48") 190mm
(1.969") 50mm

(3417 lb) 1550 Kg
W 900 x H 2600 x D 1400
W 35.43" x H 102.36" x D 55.11"
Manual
3x220 V or 3x380 V
220VAC / 380VAC
Light grey RAL 7038

SPARE PARTS



Spare parts are made to ISO 9001:2015

Industry leading delivery time on quality spare part tooling.

No premium charges on rush deliveries
(Same cost if it takes 2 weeks or 2 days.)

Discounts on orders of 3 pieces or more.

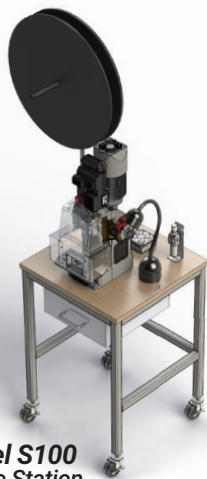
Reverse-engineer any part due to...

- Breakage of tool
- Poor quality of tool
- Delivery time of tool
- Cost of tool
- Unknown origin of tool

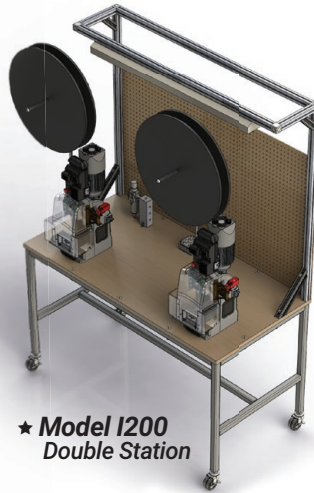


Capability to build any part from a print.

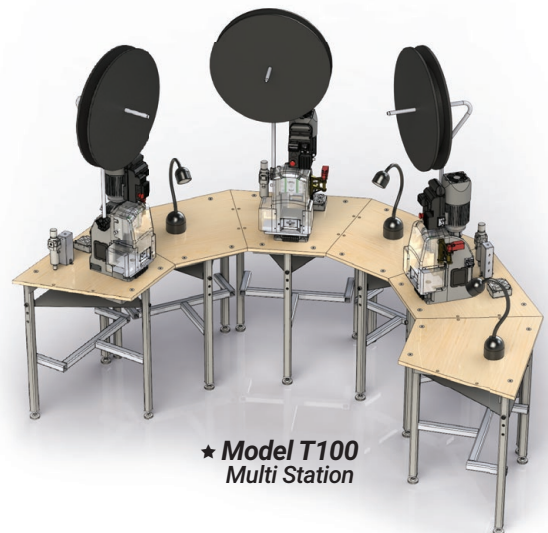
CRIMP STATIONS



★ **Model S100**
Single Station



★ **Model I200**
Double Station



★ **Model T100**
Multi Station

INCLUDES:

- ★ Mecal Applicator
- ★ Mecal Press
- ★ Custom Bench
- ★ Tested & Ready to Install

ACCESSORIES & FEATURES AVAILABLE FOR YOUR TABLE

- | | | |
|----------------------|-----------------------|--------------------|
| - Table Top Material | - Locking Casters | - Foot Pedal Mount |
| - Drawers | - Leveling Feet | - Light |
| - Backboard | - Reel Holder Step | - Powder Coat |
| - Electrical Outlet | - Forklift C Channels | AND MORE! |



- ✓ **YOU** pick the specific features
- ✓ **YOU** pick the size
- ✓ **YOU** pick the shape

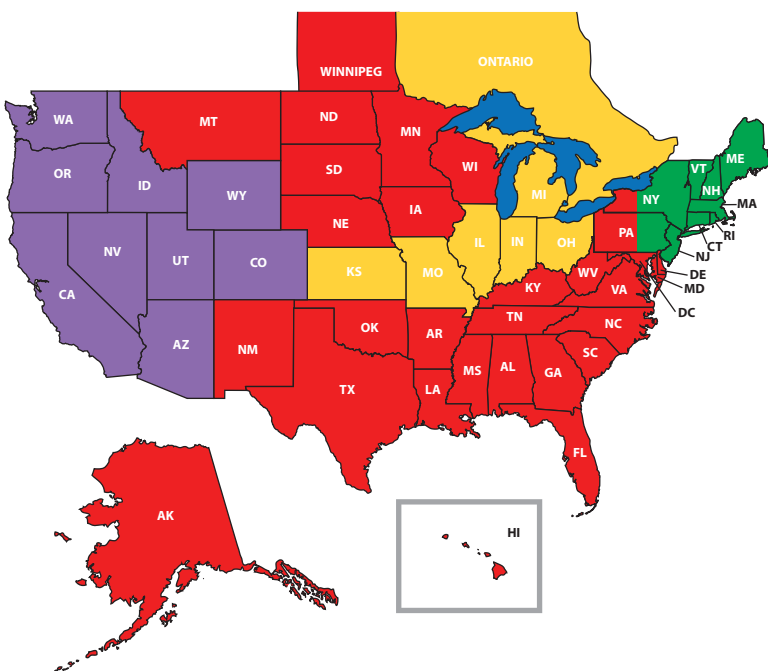
**No need to deal with
multiple vendors**

**EXCELLENT
CUSTOMER SERVICE**

CONTACT YOUR REPRESENTATIVE

REGIONAL REPRESENTATIVES

MANAGEMENT



Gavin Wasko
SALES/CUSTOMER SERVICE
814-724-1057 x203
gavinw@starn.com

Sam Myers
SALES/CUSTOMER SERVICE
814-724-1057 x123
smyers@starn.com

Mark Rider
SALES/CUSTOMER SERVICE
248-227-2694
mjrrassociatesllc@gmail.com

Nick Nahay
SALES/CUSTOMER SERVICE
814-573-1356
nick@nahaysolutions.com

Ken Tenborg
SALES/CUSTOMER SERVICE
949-678-0128
ken@tenborgtechnologies.com

Bill Starn
CEO/OWNER
wstarn@starn.com

Greg Wasko
EXECUTIVE VP
gwasko@starn.com

Jim Smith
GENERAL MANAGER
814-724-1057 x114
jsmith@starn.com





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- ▶ **U.S. based manufacturing**
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- ▶ **No premiums on rush orders**



📍 P.O. BOX 209
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☎ 814.724.1057
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