

Manual Hand Tool with Interchangeable Heads

# MTA PORTABLE TOOLING SOLUTIONS

Designed for PCB headers, mass termination connectors preloaded with contacts, crimp-snap contacts & housings, and card edge connectors with preloaded contacts.

## Find the Correct Tooling to Meet Your Production Volumes

50 Crimps Per Day				
Type	Frame Part #	Frame Description	Crimp Head Part #	
			MTA 100	MTA 156
Discrete	58074-1*	Manual Hand Tool	58246-2	58247-2
	58075-1	Pneumatic Hand Tool		
Ribbon Cable	58074-1	Manual Hand Tool	58246-3	58247-3
	58075-1	Pneumatic Hand Tool		
Cable to Board	58074-1	Manual Hand Tool	58246-2	58247-2
	58075-1	Pneumatic Hand Tool		
	58024-1	Arbor Press	58039-1	58040-1
Board to Board	58575-1	Air Harness Tool w/ Applicator	58242-3	
	58576-1			58009-2

100 Crimps Per Day				
Type	Frame Part #	Frame Description	Crimp Head Part #	
			MTA 100	MTA 156
Discrete	58338-1	Pneumatic Hand Tool w/ Bench Mount	58246-2	58247-2
	931800-1	Electric Bench unit		
Ribbon Cable	58074-1	Arbor Press	58039-1	58040-1
Cable to Board	58575-1	Air Harness Tool w/ Applicator	58242-3	
	58576-1			58009-2
Board to Board	58575-1	Air Harness Tool w/ Applicator	58242-3	
	58576-1			58009-2

200+ Crimps Per Day								
Type	Part #	Description	Crimp Head Part #		Part #	Description	Part #	Description
			MTA 100	MTA 156				
Discrete	58338-1	Pneumatic Hand Tool w/ Bench Mount	58246-2		933567-1	Loose Piece Feed Track Assembly	853542-1	Tape Feed Track Dereleer
				58247-2	853546-1	Tape Feed Track Assembly		
	931800-1	Electric Bench Unit	58246-2		933568-1	Loose Piece Feed Track Assembly		
				58247-2	853547-1	Tape Feed Track Assembly		
Ribbon Cable	312522-1†	Pneumatic Bench Press	58039-1		854175-1	Ribbon Feed Track	854200-1	Ribbon Feed Track Base
				58040-1	854176-1			
Cable to Board	58575-1	Air Harness Tool w/ Applicator	58242-3					
	58576-1			58009-2				
Board to Board	58575-1	Air Harness Tool w/ Applicator	58242-3					
	58576-1			58009-2				

\* Crimp heads available for repair/prototype work only: less than 5 crimps per day (58246-1 for MTA 100) (58247-1 for MTA 156)

† Ribbon Cable Notcher available for Pneumatic Bench Press (854449-2 for MTA 100, 854449-3 for MTA 156)

## MTA Tooling Options

### Manual Hand Tool:

- Ergonomic pistol-grip handle design
- For added repeatability and quality control the ratchet control will not release the trigger until the die set fully bottoms
- Head may be rotated for user convenience



Part # 58074-1

### Pneumatic Hand Tool:

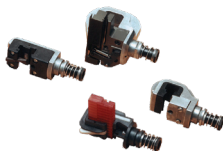
- Light weight
- Operates at 40 and 70 psi [2.76 and 4.83 bar]
- Head may be rotated for user convenience



Part # 58075-1

### Interchangeable Heads:

- Terminates one unstripped wire per cycle
- Aligns and holds the connector in place for each termination
- Automatically advances the connector after each termination



### Manual Bench Tool - Arbor Frame Assembly

- Applicator and holding fixture can be oriented for operator convenience for closed-end or feed-thru terminations
- Ram height (insertion depth) is easily adjusted



Part # 58024-1

### T-Handle Maintenance Tool:

The T-handle wire insertion tool is equipped with a slotted blade design which is used to insert the wire into the MTA connector.



Part #  
59803-1 (MTA-100)  
59804-1 (MTA-156)

### Air Bench Mount Tool:

- May be mounted with interchangeable head pointed up or down
- Convenient foot-pedal operation
- Operates at 40 and 70 psi [2.76 and 4.83 bar]
- Compatible with available loose-piece feed track



Part # 58338-1

### Electric Bench Machine:

- All electric: 120 VAC, 60Hz, 2A
- Compact, portable and quiet
- Operated by foot-pedal
- Available with Interchangeable head and tape feed track



Part # 931800-1

### Hand-held Air Harness Tool with Applicator:

- Applicator can be rotated 360° for orientation with holding fixture
- Insertion depth is easily adjusted
- Operates at 75 & 95 psi [5.17 and 6.55 bar]



Part #  
58075-1 (MTA-100)  
58576-1 (MTA-156)

### 2700 lb Air Bench Machine

- Operated by a foot switch
- Capable of exerting 2,700lb [12,000N] of force at a minimum of 80 psi [5.52 bar]
- May be bench mounted
- Available with ribbon cable notcher assembly:
  - *Notch cable with up to 28 conductors for .100 centerline, and 24 conductors for .156 centerline*
  - *Pressure plate holds cable in position during notching*



Part # 312522-1

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