

# Crimptooling



## Crimptooling for TRIM TRIO contacts

The TRIM TRIO connection system not only offers versatility in connectors but production versatility in tooling as well. All information needed on tooling ranges from simple handtools for small production, over semi-automatic to full automatic strip-and-crimp machines can be found on the hereafter paragraphs. All the TRIM TRIO tooling and this for machined, stamped and formed and coax contacts, is specially designed for this system to make reliable, trouble-free connections.

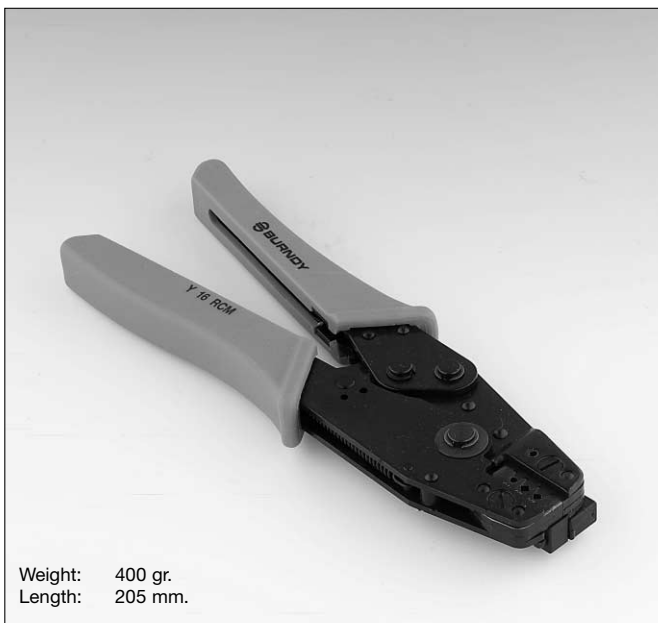


Weight: 425 gr.  
Length: 250 mm.

### M10S1 - for machined contacts

A robust, versatile, full cycling handtool which is fully qualified to the requirements of MIL-C-22520. Interchangeable 4-indent die sets are available for a wide range of machined contacts and gives a simultaneous crimp on both wire and insulation.

**This tool is suitable for application of RM/RC machined contacts and coaxial from the TRIM TRIO range.**



Weight: 400 gr.  
Length: 205 mm.

### Y16RCM - for machined contacts

A light weight, low cost crimp tool with fixed, 3-groove die set to crimp **Size 16 TRIM TRIO RM/RC loose piece machined contacts.**

The tool is ratchet controlled to guarantee a complete crimp cycle. Each crimp tool is supplied with a locator to guarantee a perfect crimp indent positioning.

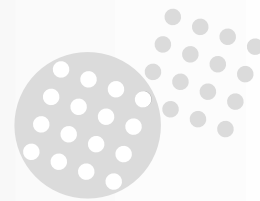


Weight: 300 gr.  
Length: 170 mm.

### MH860 - for machined contacts

A light weight crimp tool Qualified to MIL-C-22520/7 that gives an 8 impression crimp with a precision cycle-controlled ratcheting mechanism. It features an 8 step crimp-depth selector knob and is designed to crimp **Size 16 TRIM TRIO RM/RC loose piece machined contacts.** The tool can be provided with different locator heads to crimp different contact types.

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Weight: 800 gr.  
Length: 275 mm.

## M8ND - for machined and formed contacts

A robust full cycling hand ratchet tool which utilises interchangeable "N" die sets to crimp

**Size 16 TRIM TRIO RM/RC loose piece machined contacts.**

**Size 16 TRIM TRIO SM-M/SC-M loose piece formed contacts.**

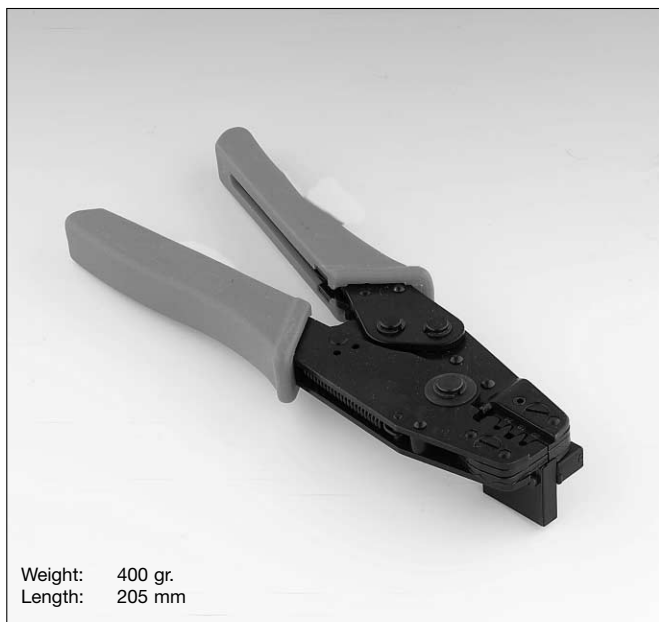


Weight: 400 gr.  
Length: 230 mm.

## Y14MTV - for formed contact

A light weight crimping tool with fixed 3-groove die set for AWG26 to 14 for: **Size 16 TRIM TRIO SM-M/SC-M loose piece formed contacts.**

Ratchet controlled to guarantee a complete crimp cycle.



Weight: 400 gr.  
Length: 205 mm

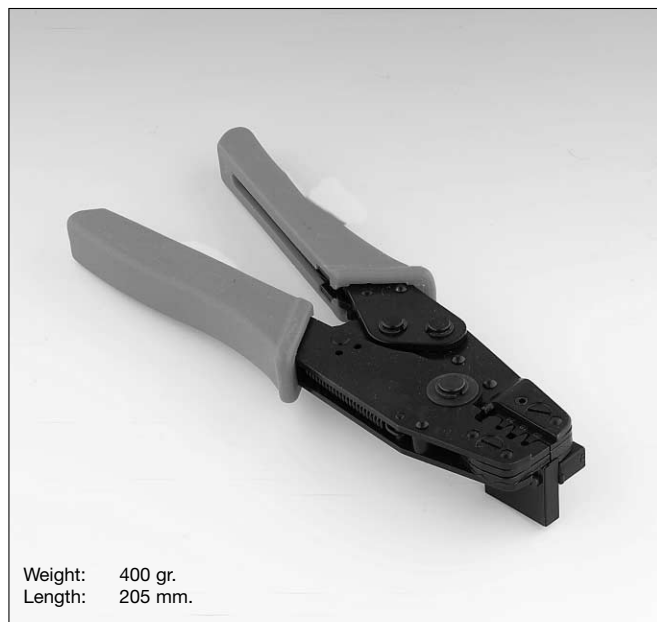
## Y16SCM2 - for formed contacts

A light weight crimping tool with fixed 3-groove die set for AWG26 to 16 for:

**Size 16 TRIM TRIO SM-M/SC-M loose piece formed contacts.**

Ratchet controlled to guarantee a complete crimp cycle.

Each crimping tool is supplied with a locator to guarantee a perfect crimp indent positioning.



Weight: 400 gr.  
Length: 205 mm.

## Y14SCM - for formed contacts

A light weight crimping tool with fixed 3-groove die set for AWG18 to 14 for:

**Size 16 TRIM TRIO SM-M/SC-M loose piece formed contacts.**

Ratchet controlled to guarantee a complete crimp cycle.

Each crimping tool is supplied with a locator to guarantee a perfect crimp indent positioning.



## K750ASC Stripper / Crimper machine for Trim Trio contacts.

### Description

The Strip Crimp 750 processes all banded contacts with cross sections from 0.05 – 4.0 mm<sup>2</sup>.

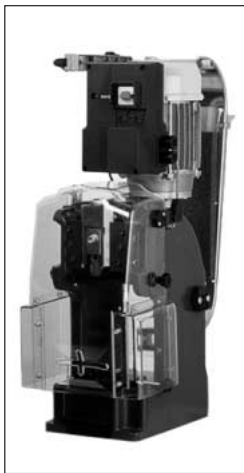
The press has a 40mm stroke and can be used with all UNI-C applicators as well as side-feed mini-style applicators.

Built with well proven precision mechanics and state of the art electronics, the machine is extremely user friendly. One example is the graphic display from which all stripping parameters can be set and called up digitally.

Up to 254 different wire programs can be stored in the memory.

Precision stripping and gas tight crimps guarantee maximum processing quality.

Ref.: K750ASC  
Power: 0.37 kWatt  
Weight: 85 kg  
Dimensions: 350x460x485



### P100MAN (TT Press)

This electromechanical high speed full automatic crimping press is specially designed for mass production and is realised totally in assembled steel parts.

The available force consents the crimping of a wire section up to 2.5mm<sup>2</sup>.

The press has a 40mm stroke and can be used together with side feed mini-style applicators.

The noise level of the press is less than 70dB.

There is a safety mechanism that stops the press if the working speed is too high or the press does not complete its cycle. This protects the press or equipment mounted on board from damage.

Ref.: P100MAN  
Power: 0.75 kWatt  
Weight: 41 kg  
Dimensions: 200x300x580



### MLS--- Left side miniapplicator

Miniapplicators to crimp machined or stamped and formed TRIM TRIO contacts.

All the adjustments requested to make tool correctly functioning (crimp feeding pitch, crimp height...) can be simply made.

Resolution of 0.03mm. Regulation range from 0 to 2.7 mm.

Ref.: See contact sections  
Stroke: 40 mm  
Weight: 4.5 kg  
Dimensions: 145x107x150

### Options

#### 1 - Quality assurance for crimping technology...

A crimping force sensor continuously checks the quality of each individual crimp and records it without impairing the processing speed. The sensor detects bad crimp connections, eliminating the high subsequent costs otherwise caused by them.

For ordering consult factory

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## Extraction tooling



### RX2025GE1

A spring loaded extraction tool **for the full range of TRIM TRIO contacts**. This tool ensures that the contact locking louvres are fully retracted before any pressure is applied to extract a contact.



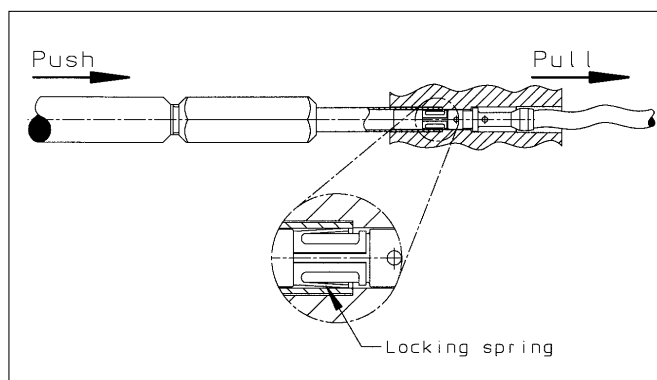
### RX2025GE2

A low cost spring loaded extraction tool for the full range of **TRIM TRIO contacts**.



### RX16D11D1

A spring loaded extraction tool **for the full range of TRIM TRIO contacts**. This tool ensures that the contact locking louvres are fully retracted before any pressure is applied to extract a contact. It is especially suitable for applications where the integrity of the assemblies are of the utmost importance.



### How to extract a contact out of its cavity?

Slide the extraction tip over contact from mating side till the locking spring from the contact is depressed. Push on handle to push out the contact with the spring loaded inner plunger.

## Insertion tooling



### RTM205

This tool is especially designed to ease insertion of **any TRIM TRIO contact** crimped on very flexible or small wire sizes. Simply position the insertion tool so that the tip of the tool bears against the back of the wire barrel, retaining the wire with thumb in the groove of the tool. Push the contact slowly into the connector until it snaps into position.