



bt 752

Bench top crimper

komax



The Komax bt 752 delivers three processes in a single device: stripping, seal loading and crimping. Reliability and top production performance coupled with the user friendly TopTouch interface are the features that make this semi-automatic device such a compelling product.

Areas of application

Quality monitored crimping of single and multi-conductor cables is no problem with the semi-automatic bt 752 crimper, not even when ultra-short stripping lengths are involved. Standard commercial crimping tools (left contact feed) can be used for processing.

Optimum controls

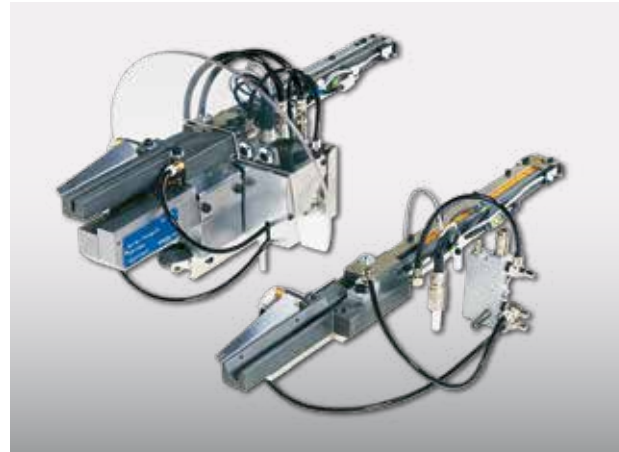
The controls are on a color touch screen and available in several different languages. System operation is fast, logical and symbol-based with the TopTouch user interface.

Quality

The programmable crimp height, integrated CFA+ crimp force analysis and bad crimp cutter ensure a final product of top quality. Quality measurements are mandatorily required during production setup. Once the measured values are entered, any deviations are automatically corrected; production is released when the measured values match the specified ones. This approach eliminates errors that can arise, for example, when the operator manually sets the crimp height. Only one crimp is needed for referencing the integrated crimp force analysis.

This feature reduces the material used and minimizes the setup time.

The seal applications are modular in design to guarantee fast changeovers and are fully compatible with the Komax mci 761, mci 762 and mci 765 C.



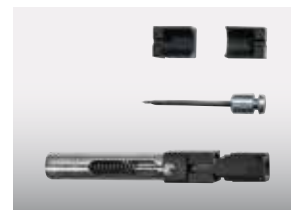
▲ **Feed unit** With all-purpose feed rail

Stripping device

With the programmable stripping device can be set up without mechanical adjustment. All required processing parameters can be set in and saved in the TopTouch user software. The zero-cut and way-back functions combine with a programmable cutting depth function to assure perfect stripping.

Application tools ▶

Quick-changing



Option ▶

Crimp tool and stripping device



Optional bad crimp cutter

The bad crimp cutter cuts off any crimp detected as bad by the crimp force analyzer. You can program whether the cut is to go directly through the terminal or through the conductor. Cutting through the terminal involves less loss of cable length, allowing further use of the conductor.

Option ▶

Bad crimp cutter and short stripping lengths



Optional sequence processing

If you use sequence processing to process a multi-core cable that has, for example, different conductor cross sections but the same terminal, you only need to handle the cable once.

The conductors can be manufactured with different crimp heights and different types of crimp force analysis. The machine operator is visually guided during production of multicore cables.

Your benefits

- Ultra-quick changeover, setup and cycle times
- Active quality monitoring even during setup
- Minimal material used during setup
- Integrated crimp force analysis CFA/CFA+
- Integrated bad crimp handling
- Easy to operate with TopTouch
- Saving of machine and processing parameters
- Good/bad sorting through cutoff of bad crimps

Options and Accessories

Options	Bad crimp cutter Carrier strip cutter Active paper winder Air feed set Short stripping length Table Sequence processing
Accessories	Crimp module analyzer

Technical data (Standard)

Crimp force	20kN (4500lbf)
Conductor cross section for crimping	0.05*–6mm ² (AWG30–AWG10)
Programmable crimp height	+0.2/-0.8mm (+0.008/-0.032in.)
Programmable stroke	10–40mm (0.39–0.58in.)
Electrical connection	1×115V / 50/60Hz 1×230V / 50/60Hz
Dimensions (W×H×D)	820×830×920mm (32.3×32.7×36.2in.)
Weight	approx. 200kg (441lb)
Seal data for bt 752	max. diameter of 10mm (0.39in.) max. length of 8mm (0.32in.)
Cycle time	approx. 0.3sec. (crimping)

* Small cross sections require optimal conditions to monitor the crimp force. If you are in doubt about your wires, we are happy to process samples of them.

Stripping device

Stripping length	Maximum of 12mm (0.47in.)
Conductor cross section for stripping	0.05mm ² –4mm ² (AWG30–AWG12)
Bad crimp cut and zero-cut	0.05mm ² –2.5mm ² (AWG30–AWG14)
Cycle time	approx. 1.3sec; stripping, seal loading, crimping approx. 1.9sec; seal loading, stripping, crimping
Pneumatic connection	5–6bar (72.25–116psi)

Optional bad crimp cutter

Bad crimp cutting through terminal	up to 2.5mm ² (AWG14)
Bad crimp cutting through cable	up to 6mm ² (AWG10)