



bt 712

Bench top crimper

komax



This user-friendly bench top crimper offers fast cycle times and short conversion and setup times.

The top quality of the processed conductor is guaranteed when this module is combined with two options: the programmable stripping device and the bad crimp cutter.

Areas of application

With the semi-automatic bt 712 crimper, it is no problem to do quality-monitored crimping of individual strands and multi-pole cables even with short stripping lengths. Commercially available crimp tools can be used for processing (contact feed from left and rear).

Optimum operation

The device is operated from the colour touch screen with software that is available in multiple languages. TopTouch is an icon-based graphical user interface that lets users operate the device quickly and logically.

Quality

The integrated CFA/CFA+ crimp force analysis and bad crimp cutter monitor the crimping process to ensure a high-quality end product. Quality measurements can be made mandatory when production is set up. Production is not released until the measured values match the specified ones. Just one crimp is needed for referencing integrated crimp force analysis.

This feature minimises the material used and the setup time.



▲ Komax bt 712 with programmable stripping device

Optional stripping device

The programmable stripping device can be set up without any manual adjustment. All required processing parameters are set and saved with the TopTouch user interface. Perfect stripping is ensured by three functions: precision cutting, way-back and programmable cutting depth.

Option ►

Stripping device



Option ►

Bad crimp cutter and short stripping length



Optional bad crimp cutter

The bad crimp cutter cuts off any crimp detected as bad by crimp force analysis. The user can program whether the cut is directly through the crimp or through the conductor. If the cut goes through the crimp, there is only a slight loss of wire length, which allows the conductor to continue being used.

Your benefits:

- Very fast conversion, setup and cycle time
- Active quality control even during setup
- Minimal material used during setup
- Integrated CFA/CFA+ crimp force analysis
- Integrated bad crimp handling
- Easy to operate
- Saving of the machine and processing parameters
- Good/bad separation involving the cutting off of bad crimps

Options and accessories

Options	Programmable stripping device Bad crimp cutter Carrier strip cutter Active paper winder Air feed set Short stripping length Table Pressure control set
Accessories	Crimping module analyser

Technical data (standard)

Crimping force	max. 20 kN (4500 lbf)
Conductor cross-section crimping	0.05*–6mm ² (AWG30–AWG10)
Adjustable crimp height	+5.00/-3.00mm (+0.19/-0.12 in.)
Adjustable stroke	10–40mm (0.39–0.58 in.)
Electrical connection	1 × 115V / 50/60Hz 1 × 230V / 50/60Hz
Dimensions (W × H × D)	700 × 750 × 500mm (25.5 × 29.5 × 16.7 in.)
Weight	approx. 110kg (243lb)
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.

Optional stripping device

Stripping length	max. 12mm (0.47 in.)
Conductor cross-section stripping	0.05–4mm ² (AWG30–AWG12)
Bad crimp cutting and precision cutting	0.05–2.5mm ² (AWG30–AWG14)
Cycle time	approx. 0.9sec; including way-back, precision cutting
Compressed air connection	5–6bar (72.25–116psi)

Optional bad crimp cutter

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