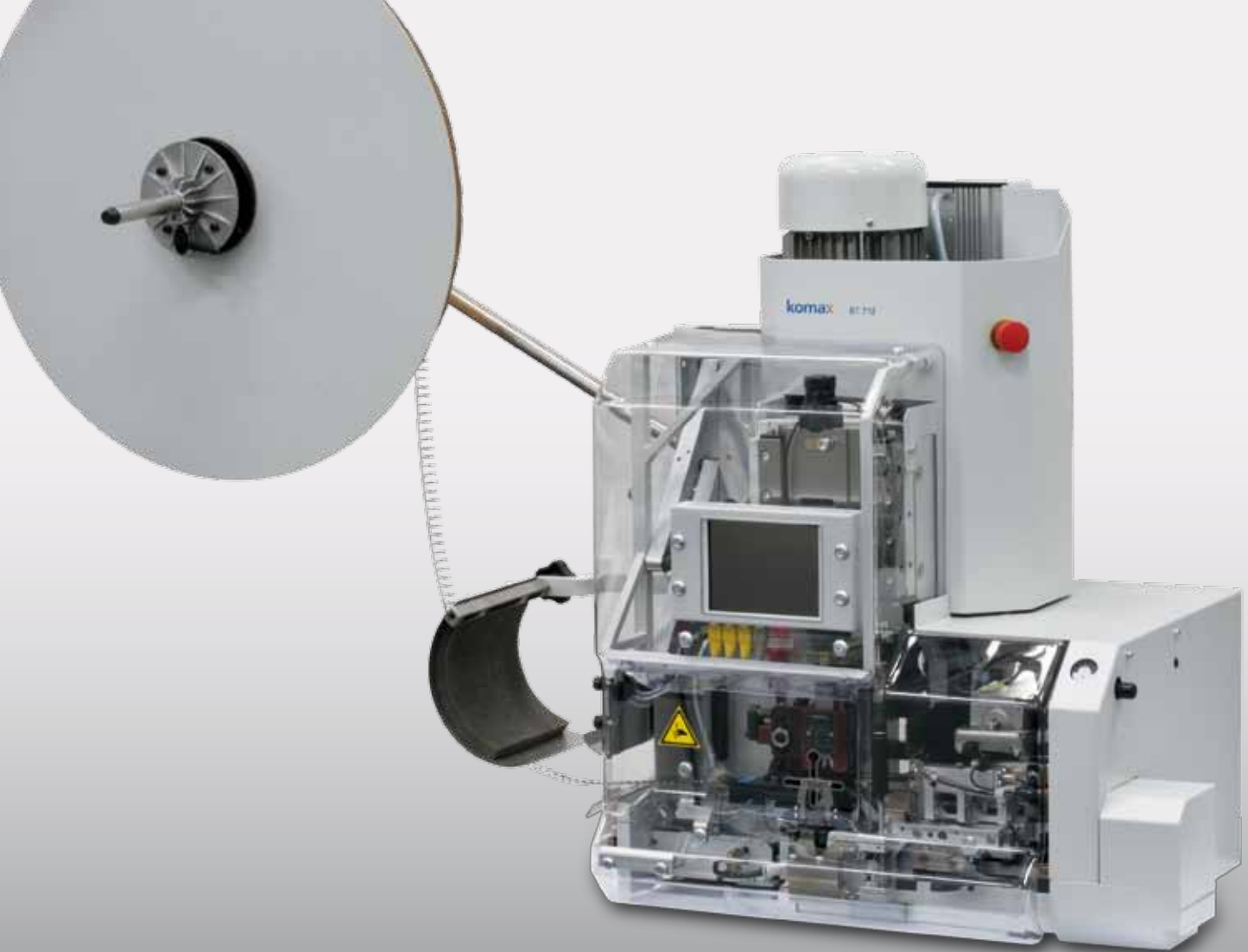


bt 712

Bench top press

komax WIRE



THE WAY TO MAKE IT | PROLIFIC

This benchtop press is outstanding in terms of short cycle times, short changeover and setup times, programmable crimp height and the user-friendly TopTouch interface.

These features, combined with the optional programmable stripper and bad part cutter, ensure top quality finished conductors regardless of the machine operator.

Areas of application

Quality monitored crimping of single and multi-core cables is no problem with the semi-automatic bt 712 crimp press, not even when short stripping lengths are involved. Standard commercial crimping tools (left and back 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/CFA+ crimp force analysis and bad part 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.

Optional stripper

With the programmable stripper, the 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.

Optional bad part cutter

The bad part 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.



▲ Komax bt 712 standard

Option ▶

Crimp tool and stripper



Option ▶

Bad part cutter and short shield-stripping lengths



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 terminal handling
- Easy to operate with TopTouch
- Saving of machine and processing parameters
- Good/bad sorting through cutoff of bad crimps

Options and Accessories

Options	Programmable stripper Bad part cutter Carrier strip chopper Active paper winder Air feed set Short shield length Table Sequence processing Pressure regulation set
Accessories	Crimp module analyzer

Technical data (Standard)

Crimp force	20kN (4500lbf)
Conductor cross section for crimping	Up to 6mm ² (AWG10)* <small>*Depends on the crimping tool / with optional short shield length of 23mm</small>
Adjustable crimp height	+5.00/-3.00mm (+0.19/-0.12in.)
Adjustable stroke	10–40mm (0.39–0.58in.)
Electrical connection	1×115V / 50/60Hz 1×230V / 50/60Hz
Dimensions (W×H×D)	700×750×500mm (25.5×29.5×16.7in.)
Weight	Approximately 110kg (243lb)

Optional stripper

Stripping length	Maximum of 12mm (0.47in.)
Conductor cross section for stripping	0.125–4mm ² (AWG26–AWG11)
Bad terminal cut and zero-cut	0.125–2.5mm ² (AWG26–AWG13)
Cycle time	Approx. 0.9sec; including way-back, zero-cut
Pneumatic connection	5–6bar (72.25–116psi)

Optional bad part cutter

Bad part cut through terminal	Up to 2.5mm ² (AWG13)
Bad part cut through cable	Up to 4mm ² (AWG11)

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