



komax

BT-SC

BENCHTOP STRIPPER CRIMPER

The BT-SC is a highly flexible and accurate BenchTop stripping and crimping platform. This semi-automatic machine meets all requirements for premium wire processing.

The stripping unit and crimp module are laid out in line on the base of the machine. The user starts the process by pushing the cable against a trigger sensor. The cable clamp transports the cable through the machine, approaching each unit, which treats the end of the cable. This ensures extremely precise positioning of the cable.

Additional components ensure optimum machine performance and material handling. The machine can be upgraded with optional components to improve the process and to integrate quality control into the workflow.

Options

- Several application kits
- Crimp applicator (single or double crimp)
- Crimp Force Analyzer (single or double channel)
- Vision sensor for polarity control
- Terminal oiler
- Bad part blades
- Crimp Module Analyzer
- Crimp height measurement device
- Barcode scanner
- Remote access
- Table

Technical Data

Wire cross section	0.13 – 0.35 mm ² (AWG 26 – 22)
Outer cable diameter	3.2 – 6 mm (0.13 – 0.24 in)
Dismantling length	min. 8 mm (0.31 in)
Strip length	max. 12 mm (0.47 in)
Crimp force	max. 20000 N (4500 lbf)
Stroke	40 mm (1.57 in)
Shut height	135.8 mm (5.35 in)
Cycle time stripping and crimping	min. 6.5 s
Electrical connection	230 V, 1 ~ / N / PE, 50 / 60 Hz
Compressed-air connection	6 Bar (87 psi)
Power	2300 W
Motor power	750 W
Drive system	Frequency controlled motor drive
Resolution stripping unit	0.01 mm (0.0004 in)
Resolution cable clamp	0.05 mm (0.0020 in)
Dimensions L X W X H*	1151 x 635 x 888 mm (45.3 x 25 x 35 in)
Weight	ca. 200 kg (ca. 441 lb)
Noise level	< 70 dB
Ambient temperature	10 – 40 °C (50 – 104 °F)
Humidity (non-condensing)	Max. 90%
Installation site	Level, stable surface free of vibration Table size: min. L x W = 720 x 820 mm (29 x 33 in) Loading capacity of the table: min. 200 kg (441 lb) (e.g. optional table)
Processing outside the specifications	Processing outside the specifications upon request. In case of doubt, we will be happy to provide processing samples for your cables.

*Without the terminal reel installed on the machine.