



komax

DELTA 520

MULTI-CORE BENCHTOP STRIPPER CRIMPER

The Delta 520 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 monitoring (single or double channel)
- Vision sensor for polarity control
- Terminal oiler
- Crimp Module Analyzer
- Crimp height measurement device
- Barcode scanner
- Remote access
- Table

Technical Data

Wire cross section	0.13 – 2.5 mm ² (AWG 26 – 14)
Cable outer diameter	3.2 – 9 mm (0.13 – 0.35 in)
Dismantling length	Min. 7.8 mm (0.31 in)
Strip length	Max. 12 mm (0.47 in)
Terminal reel outer diameter	Max. 800 mm (31.5 in)
Crimp force	8 kN (1798 lbf)
Stroke	40 mm (1.5748 in)
Shut height	135.78 mm (5.3457 in)
Resolution of stripping unit	0.01 mm (0.0004 in)
Resolution of cable clamp	0.05 mm (0.0020 in)
Stripping and crimping cycle time**	3.7 s
Electrical connection	230 V, 1 ~ / N / PE, 50 / 60 Hz
Power	2000 W
Motor power	0.75 kW
Drive system	Frequency-controlled motor drive
Compressed-air connection	6 Bar (87 psi)
Air consumption	5.4 m ³ /h
Dimensions W × D × H*	917 × 630 × 936 mm (36.1 × 24.8 × 36.9 in)
Weight	Approx. 200 kg (441 lb)
Noise level	< 70 dB (A)
Ambient temperature	10 – 40 °C (50 – 104 °F) while operating
Relative humidity, non-condensing	Max. 90%
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.

**May vary depending on the options installed.