



Strip Series B540

Programmable and versatile strip machine for coaxial cables

- Strip length up to 100 mm (3,94") and raw material diameter up to 17 mm (0.67")
- Well-arranged, high-resolution 7" color touch screen
- S.Drive B Series software for quick and intuitive operation including new support functions
- Rotary cutting mechanism using four blades for exact stripping
- Highly sensitive trigger mechanism

STRIPPING

B540

Concept

The programmable Strip Series B540 strip machine is perfectly suited for processing coaxial, multiconductor and single-conductor cables. It processes simple stranded wires and multiconductor cables with a cross section from 0.75 to 100 mm² and a diameter of up to 17 mm (0.67"), thus achieving a strip length of 100 mm (3.94") and a pull-off length of 103 mm (4.05"). Thanks to the four-blade concept, it can process very thin, highly adhesive and even slightly irregular insulation. The B540 is also perfectly suited for the stripping of Kapton and silicone jacketing, as well as demanding materials such as PUR, PVC, rubber, Teflon®, Tefzel® or textile glass braiding.

Sophisticated controls, repeat accuracy and advanced precision mechanics ensure high productivity. The centering jaws and blades on the B540 are independently programmable for each layer, ensuring greater flexibility for challenging applications, and superior quality of twisting the inner conductors.

The focus on ergonomic operation and programming via a 7" color touch screen with good accessibility further increase productivity.

Features

- No blade change for all processable cables
- Tooltip function: a pop-up window provides information for the operator
- No mechanical adjustments for changing the cable
- Automatic cable retraction
- Diameter detection, cable end detection for precise strip length
- Custom cable end
- Processing parameters in mm² and AWG
- Sequential processing of multiconductor cables, including jacket and inner conductor stripping in programmable sequence
- Barcode scanner function

Programmable processing parameters, including

- Strip and pull-off length
- Incising diameter
- Blade opening before pull-off (pull-off opening)
- Clamping force
- Twisting parameters

Options

- Air kit for blowing out cable cut-offs as an option or retrofit
- Blades with different cutting angles, e.g. for reduced deformation of the shield
- A/VAC Automation Interface (IO) for integration into a fully automatic system solution

Technical Specifications	
Conductor Cross Section - Strip	0.75 to 100 mm ² (18 to 4/0 AWG)
Raw Material Diameter	Max. 17 mm (0.67")
Raw Material Type	Coaxial cables, single strands, multiconductor cables, sensor cables
Strip Length	Max. 100 mm (3.94")
Pull-off Length	Max. 103 mm (4.05")
Activation	Highly sensitive trigger mechanism, or optional foot pedal
Blade Type	4 rotary blades
Clamping	Programmable clamping force, exchangeable clamping jaws
Interfaces	USB, Ethernet, foot pedal
LCD Display	High-resolution 7" color touch screen
Power Supply	100 V AC to 240 V AC, 50/60 Hz
Compressed Air Connection	7 bar (with optional air kit)
Dimensions (l x w x h)	872 x 192 x 357 mm (34.33" x 7.56" x 14.05")
Weight	25.7 kg (56.66 lbs.)
Declaration of Conformity	The B540 fully complies with the CE and EMC machinery directives relating to mechanical and electrical safety and electromagnetic compatibility, as well as UKCA, UL, and CSA
Important Note	We recommend to have your cable sampled by us in case of doubt. Cables with hard or highly adhesive insulation may not be able to be stripped, even though their conductor cross section is within the processing range.

To Be Precise.