



Strip Series B440

Programmable and versatile strip machine for coaxial cables

- Strip length up to 50 mm (1.97") and raw material diameter up to 12 mm (0.47")
- 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 three blades for exact stripping
- Highly sensitive trigger mechanism

STRIPPING

B440

Concept

The programmable Strip Series B440 strip machine was specially developed for processing coaxial, multiconductor and single-conductor cables. Equipped with three rotary blades, it processes simple stranded wires and multiconductor cables with a cross section from 0.05 to 70 mm² and a diameter of up to 12 mm (0.47"), thus achieving a strip length and a pull-off length of 50 mm (1.97"). The B440 is perfectly suited for the stripping of Kapton and silicone jacketing, as well as other demanding materials such as PUR, PVC, rubber, Teflon®, Tefzel® or textile glass braiding.

The centering jaws and blades on the B440 are independently programmable for each layer, ensuring greater flexibility for challenging applications, and superior quality of twisting the inner conductors.

The blades and universal clamping jaws on the B440 can be used across the entire range of cable processing applications – machine downtimes due to changeovers are eliminated.

The B440 is quick to deploy and is extremely easy to operate without programming knowledge thanks to its state-of-the-art, intuitive software interface.

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	0.05 to 70 mm ² (30 to 2/0 AWG)
Raw Material Diameter	Max. 12 mm (0.47")
Raw Material Type	Coaxial cables, single strands, multiconductor cables, sensor cables
Strip Length	Max. 50 mm (1.97")
Pull-off Length	Max. 50 mm (1.97")
Activation	Highly sensitive trigger mechanism, or optional foot pedal
Blade Type	3 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)	671 x 192 x 394 mm (26.41" x 7.56" x 2.53")
Weight	22 kg (48.50 lbs.)
Declaration of Conformity	The B440 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.