



## **Strip Series B340**

**Programmable and versatile strip machine**

- Strip length up to 80 mm (3.15") and cable diameter up to 9 mm (0.35")
- Well-arranged, high-resolution 5" color touch screen
- S.Drive B Series software for quick and intuitive operation including new support functions
- Rotary cutting mechanism using four X-shaped blades for exact stripping
- Highly sensitive trigger mechanism

STRIPPING

# B340

## Concept

The Strip Series B340 strip machine boasts a wide range of performance. Equipped with four rotary X-shaped blades, it processes simple stranded wires and multiconductor cables with a cross section from 0.013 to 16 mm<sup>2</sup> and a diameter of up to 9 mm (0.35"), thus achieving a strip length of 80 mm (3.15") and a pull-off length of 40 mm (1.57"). In addition to clean stripping of particularly thin jacketing and demanding materials such as Kapton, Teflon® or textile glass braiding, it can also be used for defined twisting of conductors.

Repeat accuracy, mechanical precision and short work cycles ensure high productivity. The blades and universal clamping jaws on the B340 can be used across the entire range of cable processing applications – machine downtimes due to changeovers are eliminated. The B340 can also be integrated into fully automated system solutions, e.g. as a module in a transfer system.

The focus on ergonomic operation and programming via a 5" color touch screen with good accessibility further increase productivity.

The B340 is quick to deploy and is extremely easy to operate without programming knowledge thanks to its state-of-the-art, user-friendly 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 (up to 9 layers)
- Processing parameters in mm<sup>2</sup> and AWG
- Sequential processing of multiconductor cables, including jacket and inner conductor stripping in programmable sequence
- Optional kit for multiconductor cables involving short jacket strips
- 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

- Kit for multiconductor cables involving short strips, with minimized distance between protective hood and blade axis
- Foot pedal
- Carbide blades for yielding and tough insulation
- Air kit with or without waste extraction system

Technical Specifications	
Conductor Cross Section - Strip	0.013 to 16 mm <sup>2</sup> (36 to 5 AWG)
Raw Material Diameter	Max. 9 mm (0.35")
Raw Material Type	Single strands, multiconductor cables, sensor cables
Strip Length	Max. 80 mm (3.15")
Pull-off Length	Max. 40 mm (1.57")
Activation	Highly sensitive trigger mechanism, or optional foot pedal
Blade Type	Rotary X-shaped blades
Clamping	Programmable clamping force, exchangeable clamping jaws
Interfaces	USB, Ethernet, foot pedal
LCD Display	High-resolution 5" color touch screen
Power Supply	100 V AC to 240 V AC, 50/60 Hz
Compressed Air Connection	6 bar (with optional air kit)
Dimensions (l x w x h)	521 x 132 x 317 mm (20.51" x 5.19" x 12.48")
Weight	12 kg (26.45 lbs.)
Declaration of Conformity	The B340 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.