



## **Strip Series B300**

**Powerful and easy-to-use stripping machine**

- Well-arranged, high-resolution 5" color touch screen
- Fast and intuitive operation
- LED lighting for clear view of the entire work area
- Highly sensitive trigger mechanism - ideal for small and flexible cables
- Processing parameters of stranded wires and solid conductors in mm<sup>2</sup> and AWG
- High process reliability due to permanent axis monitoring
- Feature enhancements with upgrade kit and options

STRIPPING

# B300

## Concept

The B300 is the right choice for all those who require a particularly powerful and user-friendly strip machine. It impresses with an excellent price-performance ratio. The repeat accuracy, mechanical precision and short work cycles ensure high productivity in common stripping applications. The focus on ergonomic operation and programming via a 5" color touch screen with good accessibility further increases productivity.

The B300 is a universal, programmable strip machine for cables from 0.03 to 8 mm<sup>2</sup> (32 to 8 AWG), and a diameter of up to 7 mm. It is quick to deploy and is extremely easy to operate without programming knowledge. The permanent checking of the axes for the nominal and actual values eliminates the need for referencing, increases quality, and saves time. The B300 starts the strip as soon as the cable end touches the highly sensitive trigger sensor. The large, easy-to-empty waste container allows many work cycles without interruptions.

## Features

- No blade change for all processable cables
- Short distance (9 mm) from cover to blade
- Intuitive operation via high-resolution touch screen
- Processing parameters of stranded wires and solid conductors in mm<sup>2</sup> and AWG
- Highly sensitive trigger mechanism
- Visually controllable strip
- Large application flexibility and bandwidth

## Programmable processing parameters

- Strip and pull-off length
- Incising diameter
- Blade opening before pull-off (pull-off opening)
- Clamp force

## Options

- Software upgrade with advanced functionality such as multiple pull-off, offset pull-off and sequential stripping of multi-conductor cables. The upgrade also includes an article storage with search functions and barcode reader.
- Foot pedal
- Cable-specific clamp jaws to customer requirements
- Air kit with waste extraction system

Technical Data	
Conductor Cross-section - Strip	0.03 to 8 mm <sup>2</sup> (32 to 8 AWG)
Conductor Cross-section - Cut	Max. 2.5 mm <sup>2</sup> (max. 14 AWG) (stranded wire)
Raw Material Diameter	7 mm (0.27")
Raw Material Type	Single strands, power cords, multi-conductor cables, sensor cables, jackets of fiber optic cables
Strip Length	Max. 50 mm (1.969")
Pull-off Length	Max. 30 mm (1.181")
Breakout Length with special clamp jaws	5.5 mm (0.22")
Cycle Time	0.35 s (0.75 mm <sup>2</sup> (18 AWG) wire, strip length 10 mm (0.39"), pull-off length 5 mm (0.19"))
Activation	Highly sensitive cable sensor, or optional foot pedal
Blade Type	V-shaped blade
Clamping	Programmable clamp force, exchangeable clamp jaws
Interfaces	USB "host", foot pedal
LCD Display	High-resolution 5" color touch screen
Noise Level	< 70 db (A)
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)	418 x 132 x 317 mm (16.4 x 5.1 x 12.4")
Weight	11 kg (24 lbs)
CE Conformity	The B300 fully complies with the CE and EMC machinery directives relating to mechanical and electrical safety and electromagnetic compatibility.
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. Cables with a conductor cross-section of 6 mm <sup>2</sup> or more require sampling.

## To Be Precise.