Manufacturer:
Schleuniger

Product Name:
Schleuniger B300 Programmable Stripping Machine with Software

Manufacturer Part Number:
B300S

▶ Click here for more details on the Schleuniger B300 Programmable Stripping Machine with Software

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 mm² and AWG
- High process reliability due to permanent axis monitoring
- Feature enhancements with upgrade kit and options

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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*Product specifications and data are
subject to change without notice.*

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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 mm² (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 mm² 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 for enhanced functionality, raw material and process libraries, article library, article list, 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 mm² (32 to 8 AWG)
Conductor Cross-section - Cut	Max. 2.5 mm² (stranded wire)
Raw Material Diameter	7 mm
Raw Material Type	Single strands, power cords, multi-conductor cables, sensor cables, jackets of fiber optic cables
Strip Length	Max. 50 mm
Pull-off Length	Max. 30 mm
Breakout Length with special clamp jaws	5.5 mm
Cycle Time	0.35 s (0.75 mm² cable, strip length 10 mm, pull-off length 5 mm)
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
Weight	11 kg
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 mm² or more require sampling.

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