



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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23 Centre Street • New Bedford, MA 02740 USA

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 mm ² (32 to 8 AWG) |
| Conductor Cross-section - Cut | Max. 2.5 mm ² (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 mm ² 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 mm ² or more require sampling. |

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