PowerStrip 9550
Automatic Cut & Strip Machine

CUT & STRIP

◼ Schleuniger

PowerStrip 9550

Concept

The PowerStrip 9550 is the heart of your automatic processing line and specifically designed to provide the highest possible productivity. Powerful servo drives ensure fast feeding speeds and high stripping forces. An intelligent control unit guarantees short cycle times and repeatable high-quality performance.

Application range

Discrete wires with cross sections up to 70 mm² (2/0 AWG), shielded cable and complex multiconductor applications can be processed in one automated operation. Processing modules, such as the programmable cutter head system, rotary incision unit and moveable right exit guide allow you to configure your PowerStrip 9550 according to your application requirements now or in the future.

Processing Modules

The PowerStrip 9550 is available in 4 basic configurations, combining processing with functional modules to cover a wide range of wire processing applications. All basic models can be retrofitted with other PowerSystem functional modules and options. The modules integrated in the basic models can also be retrofitted or replaced in the future if your application requirements change.

Options

Different options add processing capabilities to your PowerStrip 9550 or make working with the machine even easier. Examples are the universal slitting unit, different blade types, or the modular rack system for comfortable operation. The intelligent design with PowerSystem and SmartBlade guarantees maximum flexibility today and in the future.

Processing Capabilities

PowerStrip 9550	S	M	SR	MR
Cutting and stripping with partial or full pull-off, left and right	◼	◼	◼	◼
Multistage stripping	◼	◼	◼	◼
Multistep stripping	☐	◼	◼	◼
Jacket stripping of multi-conductor cables	◼	◼	◼	◼
Stripping of very thin insulation		◼	◼	◼
Jacket stripping of multi-conductor cables and power cords with stripping of inner conductors		◼		◼
Shortening, separating and stripping		◼		◼
Multistep stripping with axial window slitting		◼		◼
Multistep stripping of shielded cables **– without processing the shield** **– with processing the shield**	☐	◼	◼ ◼	◼

◼ Full capability ☐ Capability with limitations

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Technical specifications

Max. outer wire diameter	16 mm (0.63")
Max. wire cross section	70 mm² (2/0 AWG)
Cable length Standard mode	70 – 999'999 mm
Short mode	< 70 mm (< 2.8")
Max. stripping length left / right	999'999 mm (3280.84 ft)
Max. pull-off length left side	115 mm (4.5")
right side	240 mm (9.5")
Transport speed	4 m/s (13 ft/s)
Blade cartridges (models M + MR)	SmartBlade for blades with 20 mm and 16 mm grid (compatible with PowerStrip 9500, OmniStrip 9450 and EcoStrip 9320)
Blade types 20 mm grid	V-blades, radius and die blades, multiradius blades, universal slitting unit, special blades
16 mm grid	V-blades, radius and die blades, multiradius blades, special blades > only compatible with SmartBlade
Interfaces	Ethernet, USB, RS232, pre-/post-processing interface, hotstamp, inkjet, foot pedal, NV1xxx
Power Supply	100/230 VAC
Air Supply	Optional 6 bar for air jet
Dimensions (L x W x H)	910 x 780 x 400 mm (36 x 31 x 16") without standalone touchscreen
Weight	S / 131 kg (288 lbs.), M / 138 kg (304 lbs.), SR / 147 kg (324 lbs.), MR / 154 kg (340 lbs.)

Sales and Service by:

Schleuniger Group
Thun | Switzerland
www.schleuniger.com

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