



PowerStrip 9580 **Automatic Cut & Strip Machine**

- High-precision processing of a wide range of applications
- Modular, flexible and retrofittable machine concept
- High production output
- Short changeover times and intuitive machine operation
- State-of-the-art safety concept
- Precise, multistep stripping thanks to the Schleuniger multiblade cutting unit and SmartDetect quality monitoring system
- Compatible with MES CAO via SMG Server and CAYMAN software

CUT & STRIP

PowerStrip 9580

Concept

The PowerStrip 9580 automatic cut & strip machine was designed with a focus on high-precision processing, excellent production output and a high degree of production flexibility, and is available in four basic configurations. Thanks to its modular design, numerous equipment and configuration options, the PowerStrip 9580 can be adapted to customer-specific production requirements and retrofitted at any time. A sophisticated safety concept, short changeover times and modern, intuitive machine operation round off the exclusive machine profile.

The optional cutting unit, including the SmartDetect quality monitoring system, prevents defective cables from being incorporated into an end product. The sensor-controlled system monitors the complete stripping process in real time, detects any contact between stripping blade and the inner conductor and contributes to improved production quality with no loss of performance.

- Innovative machine control for high productivity and process reliability
- SmartBlade system for quick changeovers of entire blade cartridge sets within seconds
- Simultaneous activation of multiple axes
- Powerful servomotors for high feed rates and pull-off forces
- Toolless guide changeovers

The PowerStrip 9580 processes a wide range of applications, from stranded wires with cross sections up to 70 mm² (2/0 AWG) and shielded cables to complex multiconductor applications.

Processing Capabilities

- Cutting and stripping with full and partial pull-offs, left and right
- Multistep jacket pull-offs
- Multistep stripping
- Jacket stripping of multiconductor cables
- Jacket stripping of extremely thin insulations
- Jacket and inner conductor stripping
- Trimming, separating and stripping
- Multistep jacket stripping with longitudinal slits and windows
- Multistep stripping of shielded cables (with or without shield processing)

Options

A wide range of options enhances the PowerStrip 9580 with extra processing possibilities and ease of use – from the universal slitting unit and a wide variety of blade types to a modular rack system for a high level of comfort at the workstation.

- Expanded application range with additional options
- Connection of third-party peripherals
- Retrofitting of modules as required
- Compatible with all Schleuniger accessories

Technical Specifications		S	SR	M	MR
Raw Material Diameter		0.5 mm - 16 mm (0.0196 - 0.63")			
Conductor Cross Section		0.5 mm ² - 70 mm ² (26 - 2/0 AWG) depending on cable type			
With optional cutter booster		Up to 20% more cutting force			
Number of Programmable Layers (different diameters, operations)		Unlimited			
Workpiece Length	Standard	74 mm – 1,000,000 mm (2.91" – 39,370")			
	With short-mode kit	38 mm – 1,000,000 mm (1.49" – 39,370")			
	With short-mode process	0.1 mm – 74 mm (0.004" – 2.91")			
Strip Length		0.1 – 1,000,000 mm (0.004 – 39,370")			
Pull-Off Length	Left side	125 mm (4.92")			
	Right side	240 mm (9.44")			
SmartBlade Blade Cartridges		NA		3 x 20 mm (0.79")	
Number of blade sets at blade width		1 x 20 mm (0.79")		3 x 16 mm (0.63")	
Blade Types		20 mm grid: V-blades, radius and die blades, multiradius blades, universal slitting unit and special blades			
		16 mm grid (only for M and MR versions): V-blades, radius and die blades, multiradius and special blades			
Interfaces	Standard	3 x USB, 2 x Ethernet as well as prefeed, hotstamp and postfeed interfaces.			
	Optional	5 additional SMIs (Schleuniger Machine Interface) for up to 2 marking systems, different peripheral devices and emergency stop circuits.			
Power Supply		100–120 VAC 200–240 VAC 50/60 Hz			
Compressed Air Connection		6–10 bar (87-145 psi)			
Dimensions (L x W x H)		1030 x 785 x 407 mm (40.55 x 30.90 x 16.02") without freestanding panel			
Weight		129 kg (284.4 lbs)	145 kg (319.7 lbs)	136 kg (299.8 lbs)	152 kg (335.1 lbs)
Conformity		The PowerStrip 9580 complies with all relevant European directives and international standards (IEC and ISO)			