PowerStrip 9550
Automatic Cut & Strip Machine

- Modular, open system architecture offers supreme flexibility and wide application range
- Dynamic cutter head and powerful servo transport drives for high productivity and precision
- Intuitive programming with S.On Software
- SmartBlade™ system with cartridges and libraries for quick changeover of complete blade sets

CUT & STRIP

PowerStrip 9550

Concept
The PowerStrip 9550 is the heart of the automatic processing line and specifically designed to provide high productivity. Powerful servo drives ensure fast feeding speeds and high stripping forces. An intelligent control unit guarantees short cycle times and repeatable highquality 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 cutting 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 an ergonomic operation. The intelligent design with PowerSystem and SmartBlade guarantees maximum flexibility today and in the future.

Processing Capabilities for PowerStrip 9550	S	M	SR	MR
Cutting and stripping with partial or full pull-off, left and right	■	■	■	■
Multi-stage stripping	■	■	■	■
Multi-step 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	-	■	-	■
Out-of-line cutting, separating and stripping	-	■	-	■
Multi-step stripping with axial window slitting	-	■	-	■
Multi-step stripping of shielded cables – without processing the shield – with processing the shield	▢	■	■ ■	■

Legend   ■ possible   ▢ possible with restrictions   - not possible

Technical Specifications	
Wire diameter	16 mm (0.63")
Maximum wire size	70 mm² (2/0 AWG)
Cable length standard mode Short mode	70 – 999,999 mm (> 2.8") < 70 mm (2.8")
Maximum strip length left / right	999,999 mm (39,370")
Maximum pull-off length left side Right side	115 mm (4.5") 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, multi-radius blades, universal slitting unit, special blades 16 mm grid: V-blades, radius and die blades, multi-radius blades, special blades > only compatible with SmartBlade
Interfaces	Ethernet, USB, RS232, pre-/post-processing interface, hotstamp, inkjet, foot pedal
Power supply	Standard: 115 VAC 50/60 Hz Optional: 208-230 VAC 50/60 Hz
Air supply	6 bar (90 psi) (required only when using optional air ejection kit for recoil break)
Dimensions (L x W x H)	910 x 780 x 400 mm (36.0" x 31.0" x 16.0") without standalone touchscreen
Weight	S: 131 kg (288 lbs.), M: 138 kg (304 lbs.), SR: 147 kg (324 lbs.), MR: 154 kg (340 lbs.)

To Be Precise.