



## **MegaStrip 9680** **Automatic Cut & Strip Machine**

- Two modular machine designs with additional options offer an extensive processing range for larger diameter cables
- Precise, multistep stripping thanks to the Schleuniger multiblade cutting unit and SmartDetect quality monitoring system
- High flexibility thanks to the SmartBlade system with exchangeable cartridges for the quick changeover of complete blade sets
- Extensive libraries for recurring cable end types and processing methods simplify programming
- Economical production and waste avoidance using up to two independent inkjet printers positioned downstream of the cutter head
- Compatible with MES CAO via SMG Server and CAYMAN software

CUT & STRIP

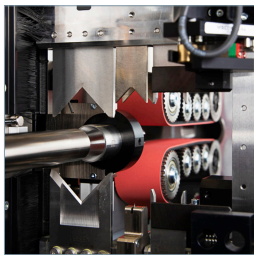
# MegaStrip 9680

## Concept

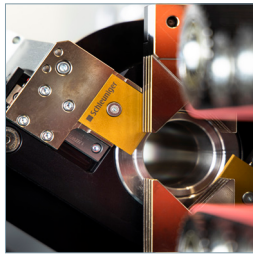
The most impressive feature of the MegaStrip 9680 is its exceptional processing range. With its modular design and the possibility to connect various peripherals – either from the Schleuniger product range or from third-party suppliers – this machine is a true all-rounder. The MegaStrip 9680 is available in two basic configurations: The M version with a freely programmable indexing multiblade head, and the MR version with an additional rotary cutting unit for precise shield cutting. Both model versions are compatible via SMG Server with the CAYMAN cable processing software and the CAO planning software (Manufacturing Execution System), enabling integration into different networks.

## Performance Features

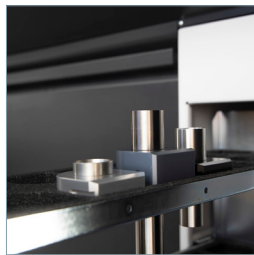
The MegaStrip 9680 is optimized for maximum production output. Powerful servomotors ensure high feed rates and pull-off forces. Color-coded guides and toolless guide changeovers allow for record-breaking changeover times. Sensor monitoring and the optional SmartDetect system ensure smooth production processes, quick fault rectification, and minimal material waste. The intuitive and standardized user interface of the S.ON software simplifies operation; numerous preset cable applications reduce the programming time. The module-based software supports parallel machine processes.



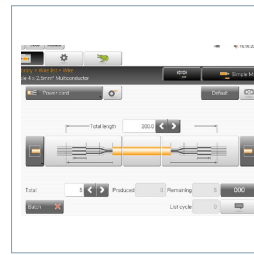
High-precision cutting unit with SmartDetect quality-monitoring system.



The rotary cutting unit is based on cutting-edge Schleuniger RX technology and enables maximum precision.



Color-coded guides simplify operation and reduce setup times.



User-friendly software and intuitive operation via the 10" color touch screen.



Modular interfaces for an extensive range of accessories and the connection of peripherals.

Technical Specifications		
Raw Material Diameter		2.5 mm - 35 mm (0.0984 - 1.38")
Conductor Cross Section		Standard 1.5 mm <sup>2</sup> - 120 mm <sup>2</sup> (16 - 4/0 AWG) Optional 240 mm <sup>2</sup> - 300 mm <sup>2</sup> (MCM 500 - 600) Both depending on cable type
Number of Programmable Layers (different diameters, operations)		Unlimited
Workpiece Length	Without short mode	150 - 1,000,000 mm (5.90" - 39,370") (standard) 225 - 1,000,000 mm (8.85" - 39,370") (2-printer configuration)
	With short mode	0.1 - 150 mm (0.003937 - 5.90") (standard) 0.1 - 225 mm (0.003937 - 8.85") (2-printer configuration)
Strip Length		0.1 - 1,000,000 mm (0.003937 - 39,370")
Pull-Off Length	Left side	225 mm (8.85") (standard) 300 mm (11.8") (2-printer configuration)
	Right side	360 mm (14.2")
Feed Rate		3 m/sec (9.84 ft/s)
SmartBlade Blade Cartridge		2 x 56 mm (2 x 2.20") 4 x 28 mm (4 x 1.10") 56 + 2 x 28 mm (2.20" + 2 x 1.10")
Interfaces		3 USB, 2 Ethernet interfaces for PreFeeder, hot stamping and post-processing units
Optional Interfaces		5 additional SMIs (Schleuniger Machine Interface) for up to two labeling systems, different peripherals and emergency stop circuit
Power Supply		3L+N 380/220-415/240 VAC 3L 200-240 VAC 50/60 Hz
Compressed Air Connection		6-10 bar (87-145 psi)
Dimensions (L x W x H)		1,730 x 1,055 x 1,365 mm (68" x 41.5" x 54")
Weight		M Version Max. 500 kg (1102.3 lbs.) MR Version Max. 528 kg (1164.02 lbs.)
Conformity		The MegaStrip 9680 complies with all relevant European directives and international standards (IEC and ISO).