

PowerStrip 9580 and MegaStrip 9680: The new all-rounders for the cut & strip segment

The Schleuniger Group has made two of its tried-and-tested automatic cut & strip machines even more precise and efficient, while also making them more customer-friendly and safe: The new PowerStrip 9580 and MegaStrip 9680 are characterized by their high degree of production flexibility, high-precision processing and excellent production output. Additionally, they also feature a state-of-the-art safety concept. Both machines are available in various basic configurations and are based on a modular machine design that is retrofittable at any time. This offers excellent options for integration into your production processes and can be easily adapted to your individual production requirements.

The two new versions of the PowerStrip 9580 and MegaStrip 9680 systematically continue the Schleuniger Group's range of versatile automatic cut & strip machines. The automatic cut & strip machines impress with their exceptional processing range; stranded wires, shielded cables and multiconductor cables with cross sections up to 70 mm² can be processed with the PowerStrip 9580 and up to 120 mm² with the MegaStrip 9680 – with the optional Boost function, even 240 to 300 mm². Powerful servomotors ensure high feed rates and pull-off forces. All motors are equipped with encoder monitoring, meaning that the software immediately detects if the axes are blocked or their position is lost.

Unparalleled quality monitoring for uncompromising precision

The rotating cutting unit of the PowerStrip 9580 and MegaStrip 9680 is based on cutting-edge Schleuniger RX technology and is now available on these machines with adjustable centering jaws. The clamping force can be individually adapted to each cable via the S.ON software to guarantee perfect centering. The SmartDetect quality-monitoring system is available as an option for all multiblade cutting units and enables real-time verification of the cut and strip process. Unique in the market for the cut & strip segment is the fact that the Schleuniger SmartDetect system is used for both cable ends. The sensor-controlled process-monitoring system detects any contact between stripping blade and inner conductor, and enables individual tolerance adjustments for each processing layer via the S.ON software. Parallel monitoring of multiple blade positions, automatic reject-part disposal, and continuously performed system self-tests ensure smooth production processes, quick fault rectification, and minimal material waste. You benefit from improved production quality with no loss of performance, and you can even retrofit the SmartDetect system at any time onto PowerStrip and MegaStrip versions equipped with the multiblade cutting unit.

Intuitive control and user-friendly operation

With its new machine models, Schleuniger is pursuing the principle of greater efficiency through standardization: the cartridges for standard and SmartDetect blades have standardized dimensions, thus ensuring even greater flexibility. Toolless guide changeovers enable record-breaking changeover times – color-coded guides on the MegaStrip 9680 further simplify setup.

The standardized user interface of the S.ON software is easy to master; the color touch screen offers intuitive menu navigation. Numerous preset standard values for common cable types and freely programmable material and process libraries reduce the programming time. The module-based software supports parallel machine processes. Thanks to the Schleuniger Machine Gateway (SMG), the new cut & strip machines can be connected to DiIT's CAO manufacturing execution system and integrated into a network.

Maximum production flexibility thanks to modular design

With their modular design and the possibility to connect various peripherals – either from the Schleuniger product range or from third-party suppliers – these machines are true all-rounders. The S.ON software features open I/O mapping and automatic interface detection thanks to the Schleuniger Interface Slot (SIS). In this way, a virtually unlimited range of applications is covered, and you can invest in precisely the solution that you need for your specific production requirements. Of course, both machines can be retrofitted with new modules at any time.

PowerStrip 9580: The professional machine for common applications

The PowerStrip 9580 automatic cut & strip machine provides precision, efficiency and safety, and it is available in four basic configurations. The application range can be expanded with additional options. The PowerStrip 9580 achieves an average increase in the quality of the production output (CmK) of 30% compared with its predecessor model.

MegaStrip 9680: The all-rounder for large cable diameters

The MegaStrip 9680 is optimized for maximum production output and is offered 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 machine versions are compatible with the CAYMAN cable processing software and the MES planning software CAO, enabling integration into different networks.

Both machines fully comply with the latest safety requirements relating to machinery directives, electromagnetic compatibility, and the Low Voltage Directive. This ensures a safe production environment for the operator and an overall increase in production quality. The MegaStrip 9680 is available from September 10, 2020, the PowerStrip 9580 from September 29.

About Schleuniger

Schleuniger is a global technology company and a leading supplier of solutions for the cable processing and testing industry. Schleuniger products are required wherever high-precision connections, maximum productivity, traceability of data and interconnectedness of value chains play a key role. The independently managed subsidiary DiIT AG plays an important role in its sales markets in the fields of digitization and the Industrial Internet of Things (IIoT). Schleuniger's customers are predominantly suppliers in the automotive, entertainment, information, and communication industries. Schleuniger has development and production sites in Switzerland, Germany and China, numerous sales and service companies in the EMEA, NAFTA and APAC regions as well as over 40 distributors worldwide.

Schleuniger represents the Wire Processing business division of the listed Metall Zug Group with over 900 employees and 40 trainees over three continents.

More information: [schleuniger.com](https://www.schleuniger.com)