Schleuniger

Cut & Strip

Table of Contents

Schleuniger cut and strip machines open the doors to a world of possibilities. Whether you need a semi-automatic machine for basic applications, a highly precise rotary stripping machine for coaxial cables or a fully automatic processing system, Schleuniger can provide the right solution for your specific applications as well as the highest level of service and support in the industry.

Application Overview Cut & Strip

Applications

Machine	EcoStrip	MultiStrip					
		S	M	MR	RS	RSX	RX
Maximum Raw Material Diameter	8 mm (0.31")	12.5 mm (0.49")				6.5 mm (0.25")	
Cut to length	■	■	■	■	■	■	■
Full or partial strip left and right	■	■	■	■	■	■	■
Multi-step stripping	■	■	■	■	■	■	■
Multi-layer stripping	☐	☐	■	■	■	■	■
Multi-layer with shield processing (Coax, Hybrid, etc.)				■	■	■	■
Jacket stripping of multi-conductor cables	■	■	■	■	■	■	
Jacket stripping of extremely thin insulations			■	■	■	■	■
Jacket and inner conductor stripping			■	■	■	☐	
Trimming, separating and stripping of individual zipcord conductors			■	■	■		
Multi-step jacket stripping with inner conductor stripping and window slitting			■	■	■	■	
Wire marking	■	■	■	■	■	■	■

■ Applicable without restrictions   ☐ Applicable with restrictions

Applications

Machine	PowerStrip				MegaStrip	
	S	M	SR	MR	M	MR
Maximum Raw Material Diameter	16 mm (0.63")				35 mm (1.38")	
Cut to length	■	■	■	■	■	■
Full or partial strip left and right	■	■	■	■	■	■
Multi-step stripping	■	■	■	■	■	■
Multi-layer stripping	□	■	■	■	■	■
Multi-layer with shield processing (Coax, Hybrid, etc.)			■	■		■
Jacket stripping of multi-conductor cables	■	■	■	■	■	■
Jacket stripping of extremely thin insulations		■		■	■	■
Jacket and inner conductor stripping		■		■	■	■
Trimming, separating and stripping of individual zipcord conductors		■		■	■	■
Multi-step jacket stripping with inner conductor stripping and window slitting		■		■	■	■
Wire marking	■	■	■	■	■	■

■ Applicable without restrictions   □ Applicable with restrictions

EcoStrip 9380

Welcome to the Future of Entry Level Cut & Strip

The EcoStrip 9380 is a simply capable entry level machine for cut & strip applications that need to meet professional standards. It cleverly combines the latest technology with Schleuniger's industry renowned precision, making it easier than ever to process a wide range of entry level applications. This flexible machine can be configured with rollers or a belt feeding unit. The unique 3-position design of the optional belt feeding unit can be set for normal mode, roller mode or short mode processing. The EcoStrip 9380's economical price point, along with its high level of cut & strip quality, makes it the perfect choice for both newcomers and cut & strip professionals alike.

Technical Data

Raw Material Diameter
Maximum 8.0 mm (0.31")

Conductor Cross-Section
Maximum 0.05 – 8 mm^2 (10 mm^2 EN60228 class 5&6) | AWG 8

Pull off Length Left/Right Side
46 mm (1.18") / 152 mm (5.98")
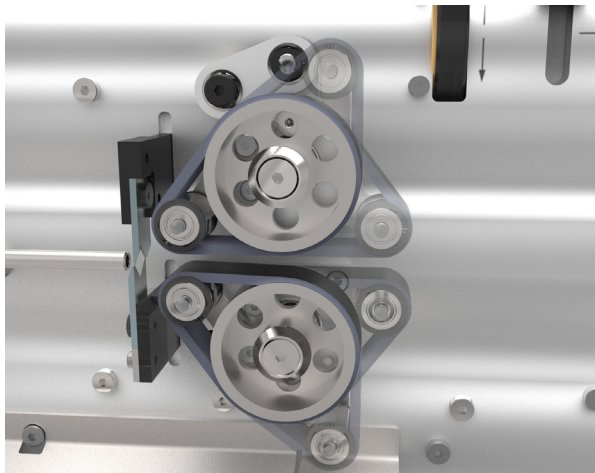
Your Benefits

- ■ Three in one transport unit
- ■ Improved price to performance ratio
- ■ Simple programming with Schleuniger's standardized S.ON user interface
- ■ The latest technology, cleverly combined with Schleuniger's industry renowned precision

MultiStrip 9480
The Most Versatile Cut & Strip Platform

The MultiStrip 9480 family offers six machine versions to cover a wide range of applications and budgets. With many additional options and accessories the MultiStrip 9480 is the most versatile cut & strip platform on the market. The fully programmable rotary incision unit (on MR, RS, RSX and RX versions) allows easy processing of high precision coaxial and multi-layer applications. Additional features, such as our multi-position cutter head, create a nearly endless range of application possibilities. Each machine can be easily interfaced with Schleuniger's vast line of integrated accessories to create a fully automatic wire processing production line.

Technical Data

Raw Material Diameter
S M MR RS   Maximum 12.5 mm (0.49")
RSX RX   Maximum 6.5 mm (0.25")

Conductor Cross-Section
S M MR RS   Maximum 20 mm² (4 AWG)
RSX RX   Maximum 6 mm² (10 AWG)

Pull off Length Left/Right Side
S M MR   95 mm (3.74") / 195 mm (7.68")
RS RSX   95 mm (3.74") / 135 mm (5.33")
RX   17.3 mm (0.68") / 40.3 mm (1.58")
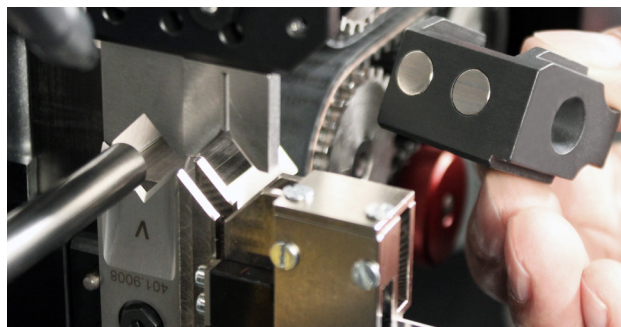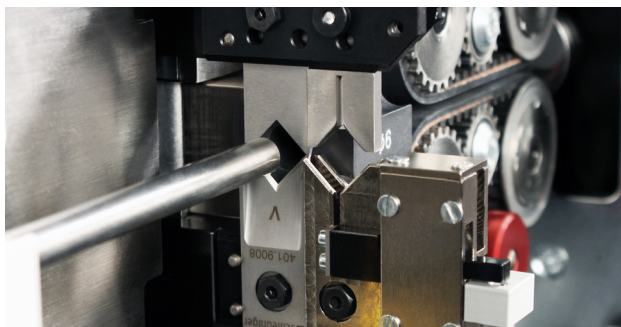
Your Benefits

- The choice is yours! Select the model that best meets your production needs
- High production output due to very fast cutter head, high dynamic transport drives and parallel machine processes
- Minimized changeover times with quick change blade cartridges, magnetically held guide tubes and programming libraries
- The benchmark in precise coaxial and shielded cable processing with indexing cutter head and rotary incision capability

PowerStrip 9550
The Flexible Cut & Strip System

The PowerStrip 9550 combines the utmost in precision and power to cover a wide range of shielded and unshielded applications, such as hybrid car cables, shielded system cables and many more. Thanks to the modular design, the machine can be adapted to individual customer requirements. The processing modules can be retrofitted at any time. Integrated interfaces connect the machine with a wide range of accessories making the investment a wise choice for today and tomorrow's wire processing needs.

Technical Data

Raw Material Diameter
Maximum 16 mm (0.63")

Conductor Cross-Section
Maximum 70 mm² (2/0 AWG)

Pull off Length Left/Right Side
115 mm (4.52") / 240 mm (9.44")
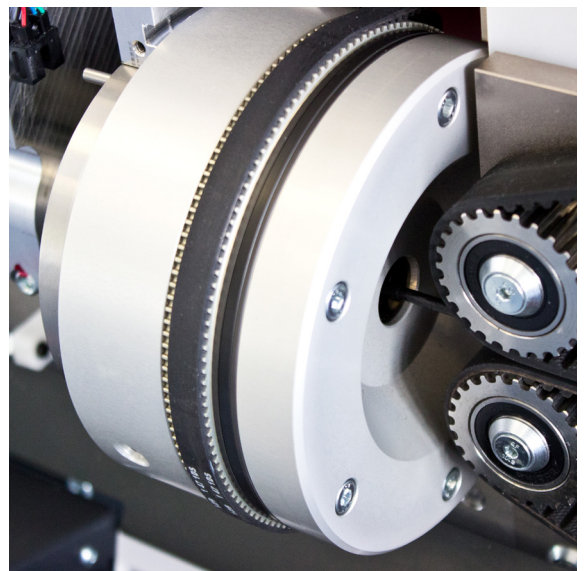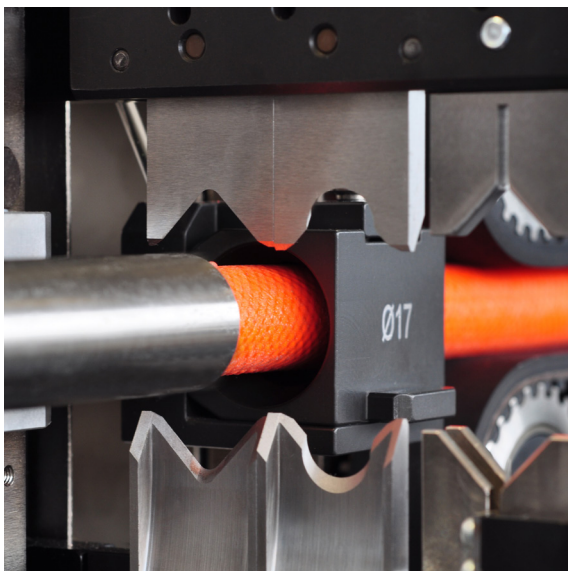
Your Benefits

- 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 and easy handling of guide parts and tooling with SmartBlade™ technology

MegaStrip 9650

The Heavy Duty Cut & Strip System

The MegaStrip 9650 is a heavy duty machine for large cable processing. This powerful and precise machine is available in two different models. The MegaStrip 9650 M model features Schleuniger's patented multiple blade position cutter head for multi-step operations. The MR model adds a rotary incision unit to the M model for application flexibility and shielded or hybrid cable applications. A wide range of peripherals and accessories create a flexible, optimized solution based upon individual applications.

Technical Data

Raw Material Diameter
Maximum 35 mm (1.38")

Conductor Cross-Section
Standard   Maximum 120 mm² (4/0 AWG)
Optional   240 – 300 mm² (500 MCM - 600 MCM), depending on the type of cable

Pull off Length Left/Right Side
220 mm (8.7") standard, 300 mm (11.8") configuration 2 inkjet heads / 360 mm (14.2")
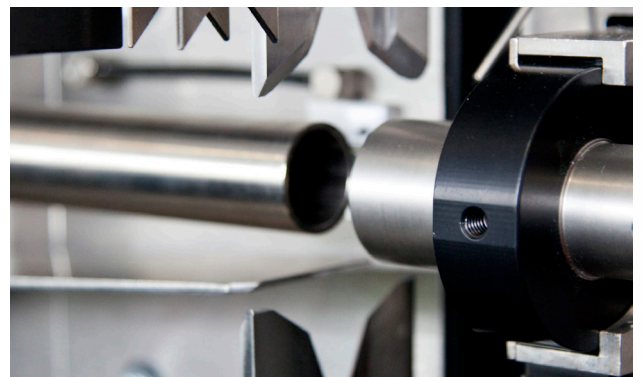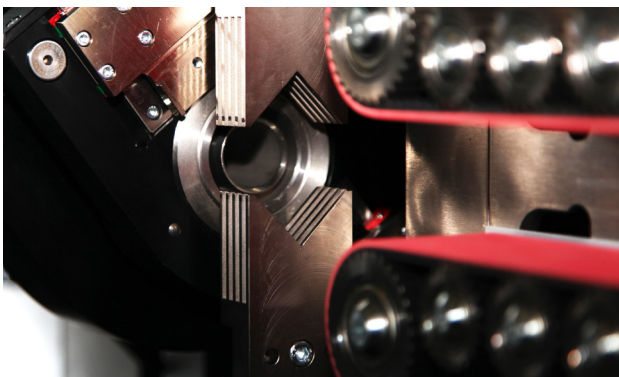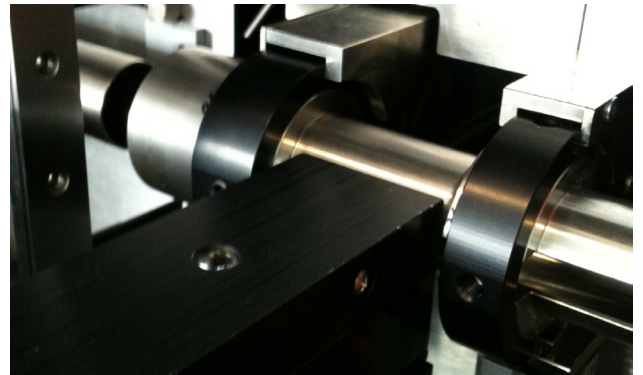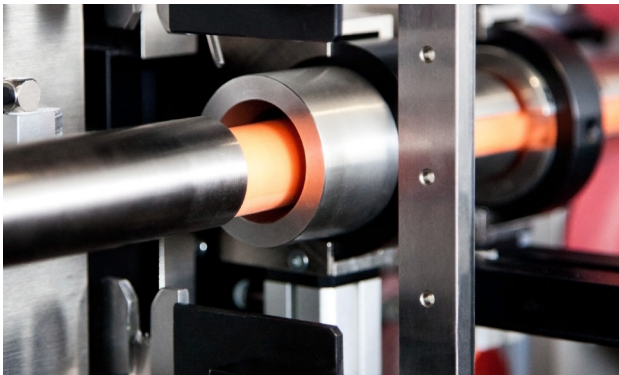
Your Benefits

- Two powerful machine versions with additional processing options for a wide range of large cable applications
- Schleuniger's patented multiple blade position cutter head for multi-step operations
- SmartBlade™ system with cartridges and libraries for quick changeover of complete blade sets
- Dynamic and powerful transport units offer unparalleled speed and stripping power
- Up to two independent inkjet printers positioned downstream of the cutting head in order to eliminate cable waste
- Two powerful machine versions with additional processing options for a wide range of large cable applications

RECOVERY

J1

IDENT

J7

Schleuniger AG
962021 bDrvStepper
Layout V02.00.00

Mot2_StallGuard
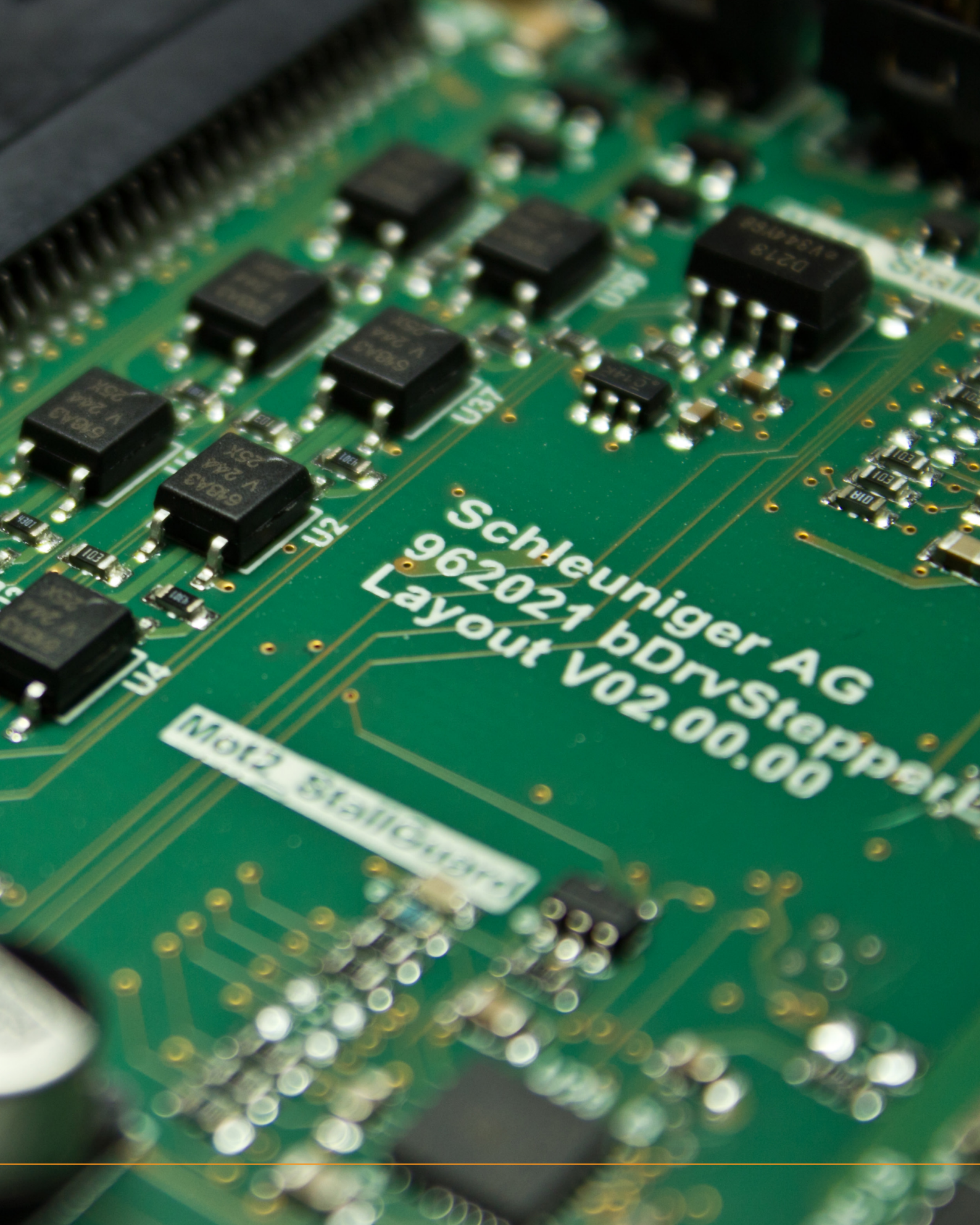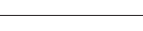
Application Overview Strip

Applications

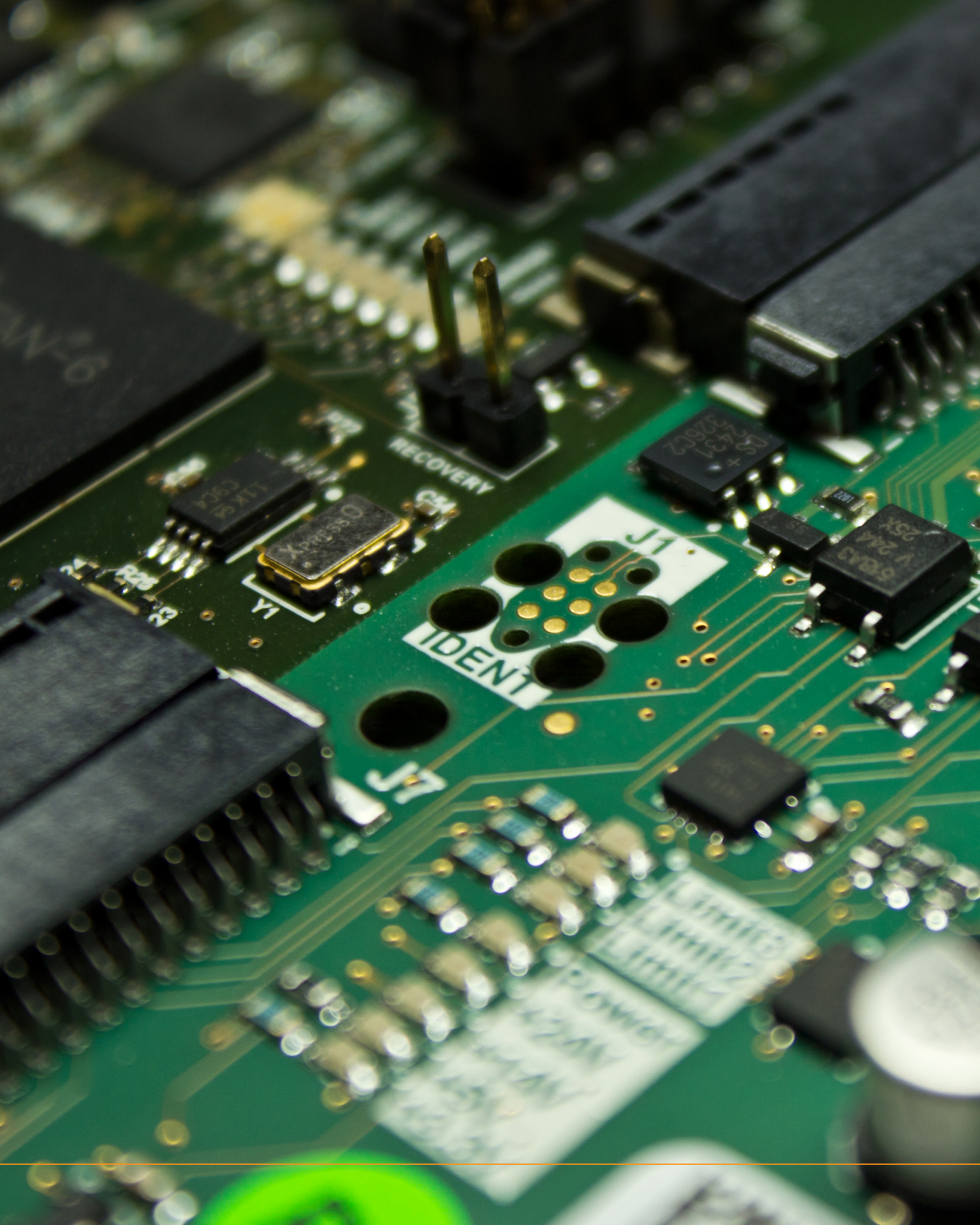| Sample		UniStrip 2050	UniStrip 2015	UniStrip 2300	UniStrip 2550	UniStrip 2600	RotaryStrip 2400
	UniStrip Machine						
	Maximum Raw Material Diameter	15 mm (0.59")	3.2 mm (0.12")	5.5 mm (0.22")	5.5 mm (0.22")	9 mm (0.35")	7 mm (0.27")
	Full strip	■	■	■	■	■	■
	Partial strip	■	■	■	■	■	■
	Multi-step stripping			■	■	■	■
	Multi-layer stripping					■	
	Twisting						■
	Die-blade functionality/capability	■	□		■	■	
	Discrete wire processing	■	■	■	■	■	■
	Multi-conductor cable processing	■	■	■	■	■	■
	Flat or zipcord cable processing				□	■	

Applications

Sample		JacketStrip 8310	JacketStrip 8400	ShieldCut 8100	Mercury-4
	JacketStrip Machine				
	Maximum Raw Material Diameter	25 mm (1.0")	26 mm (1.0")	9 mm (0.35")	6 mm (0.24")
	Full strip		■		
	Partial strip		■		
	Jacket slitting	■			□
	Window stripping		□		□
	Multi-conductor cable processing (jacket only)	■	■		□
	Power cable processing	■	■		
	Out-of-round cable processing (jacket only)	■			□
	Shield cutting multi-conductor cable			■	
	Shield cutting twisted pair cable			■	□
	Laser Stripping				■

Applications

CoaxStrip Machine	CoaxStrip 5200	CoaxStrip 5300 RX	CoaxStrip 5400	CoaxStrip 6380	CoaxStrip 6580	SemiRigid 1050
Maximum Raw Material Diameter	7 mm (0.276")	2 mm (0.079")	11 mm (0.43")	8 mm (0.314")	17 mm (0.67")	4.50 mm (0.177")
Full strip	■	■	■	■	■	☐
Partial strip	■	■	■	■	■	☐
Multi-step stripping	■	■	■	■	■	■
Multi-layer stripping	■	■	■	■	■	■
Pointing of inner conductor						■
Twisting	☐	☐	☐	■	■	
Micro-coaxial cable processing		■		■		
Coaxial cable processing	■	☐	■	■	■	
Triaxial cable processing		■	■	■	■	
Conformable cable processing	☐	☐	☐	☐	■	☐
Semi-rigid cable processing						■
Corrugated cable processing					■	
Discrete wire processing	■	■	■	■	■	
Multi-conductor cable processing	■	■	■	■	■	

Sample (row label)

■ Applicable without restrictions   ☐ Applicable with restrictions

Strip

UniStrip 2300

Stripping Machine

The UniStrip 2300 programmable stripping machine easily strips wires and jacketed cables. The intuitive user interface with color touchscreen makes it easy for any user to learn to operate the machine in minutes. High accuracy and repeatability make the UniStrip 2300 extremely reliable and mechanical precision and short cycle times result in significantly improved productivity.

Technical Data

Raw Material Diameter
Maximum 5.5 mm (0.22")

Conductor Cross-Section
Maximum 8 mm² (8 AWG)
Minimum 0.03 mm² (32 AWG)

Strip Length
Maximum 46 mm (1.81")

UniStrip 2300

Schleuniger
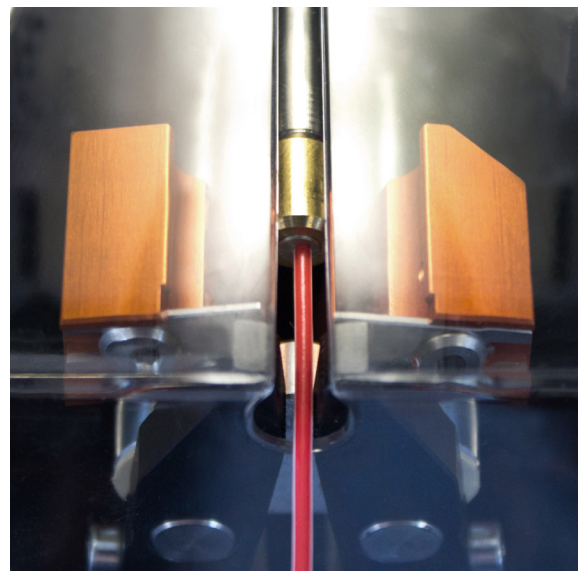
Your Benefits

- SmartDetect – Option for Quality Assurance
- Intuitive color touchscreen user interface
- LED lighting provides the operator with a clear view of the entire working area
- Very sensitive trigger sensor. Works great for small, flexible wires
- No mechanical adjustments required when changing wire sizes
- Barcode scanning function
- Wire list processing

FEATURING

Smart**Detect**

UniStrip 2050

Stripping Machine

Your Benefits

- Simple set up and easy operation
- Fully pneumatic and extremely cost effective
- Complete set of stripping blades and guides

Technical Data

Raw Material Diameter
Maximum 15 mm (0.59")

Conductor Cross-Section
Maximum 70 mm² (2/0 AWG)

Strip Length
Maximum 85 mm (3.30")

The UniStrip 2050 is a great solution for customers looking for a simple, low-cost pneumatic stripping unit for medium sized cables and wires.

UniStrip 2015

Stripping Machine

Your Benefits

- Extremely short cycle times
- No blade change necessary
- Strips inner conductors of jacketed cables with short breakout lengths
- Simple machine operation

Technical Data

Raw Material Diameter
Maximum 3.2 mm (0.12")

Minimum / Maximum Conductor Cross-Section
0.03 mm² (32 AWG) / 2.08 mm² (14 AWG)

Strip Length
Maximum 20 mm (0.78")

The UniStrip 2015 is a pneumatic wire and cable stripping machine and the perfect solution for stripping discrete wires and small multi-conductor cables. The machine operates with extremely fast cycle times and features a universal blade system that eliminates time consuming changeovers.

UniStrip 2550

Stripping Machine

Your Benefits

- Networking capability
- LED lighting provides the operator with a clear view of the entire working area
- Very sensitive trigger sensor. Works great for small, flexible wires
- Various blade types available
- No mechanical adjustments required when changing wire sizes
- Many unique processing functions
- Wire list processing

The UniStrip 2550 is a fully programmable stripping machine, offering high precision and flexibility. The machine comes standard with V-blades, the optimum solution for stripping most wires without having to change blades, but can also be equipped with radius, die or flat blades to expand the range of applications. An integrated library of standard wire sizes and an intuitive menu-guided touchscreen interface make the UniStrip 2550 extremely user-friendly. All parameters are fully programmable and can be stored or recalled in seconds. Excellent ergonomics, including focused LED lighting, provide a high level of operator comfort.

Technical Data

Raw Material Diameter
Maximum 5.5 mm (0.22")

Conductor Cross-Section
Maximum 6 mm^2 (10 AWG)
Minimum 0.03 mm^2 (32 AWG)

Strip Length
Maximum 43 mm (1.69")

UniStrip 2600
Stripping Machine

Schleuniger's most versatile stripping machine, the UniStrip 2600 can process many unique applications and wire and cable types, including discrete wire, power cords, multi-conductor cables, flat cables and many others. The UniStrip 2600 is fully electric and features strong, quiet drives and fast cycle times. The machine's powerful drives, combined with state-of-the-art electronics and a user-friendly display, create an easy to use platform.

Technical Data

Raw Material Diameter
Maximum 9 mm (0.35")

Conductor Cross-Section
Maximum 16 mm^2 (6 AWG)
Minimum 0.03 mm^2 (32 AWG)

Strip Length
Maximum 80 mm (3.15")
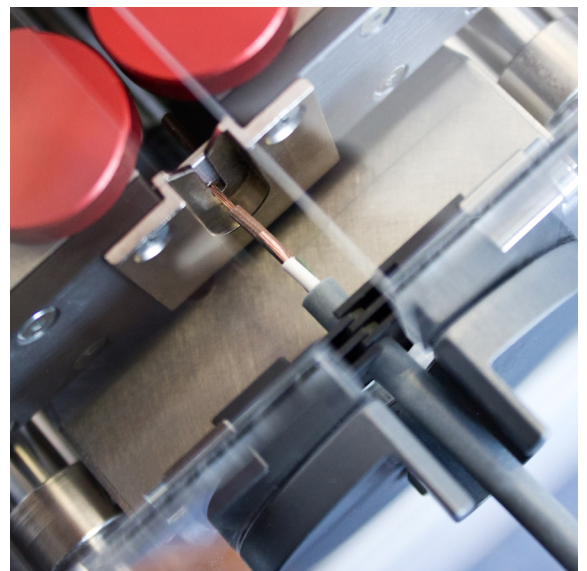
Your Benefits

- Virtually unlimited range of applications
- Fully programmable. Up to 1,000 memory locations
- Wire list processing
- Many unique processing functions
- SmartStrip™ technology option

RotaryStrip 2400

Stripping Machine

The RotaryStrip 2400 is an impressive, fully programmable rotary stripping machine with high precision and flexibility. The RotaryStrip 2400 can strip wires with various insulation types including Kapton, fiberglass and Teflon and provide controlled twisting of the inner conductors when required. This innovative machine, with user-friendly color touchscreen, does not require any mechanical adjustments to process different wire sizes.

Technical Data

Raw Material Diameter
Maximum 7 mm (0.27")

Conductor Cross-Section
Maximum 6 mm^2 (10 AWG)
Minimum 0.013 mm^2 (36 AWG)

Strip Length
Maximum 34 mm (1.34")
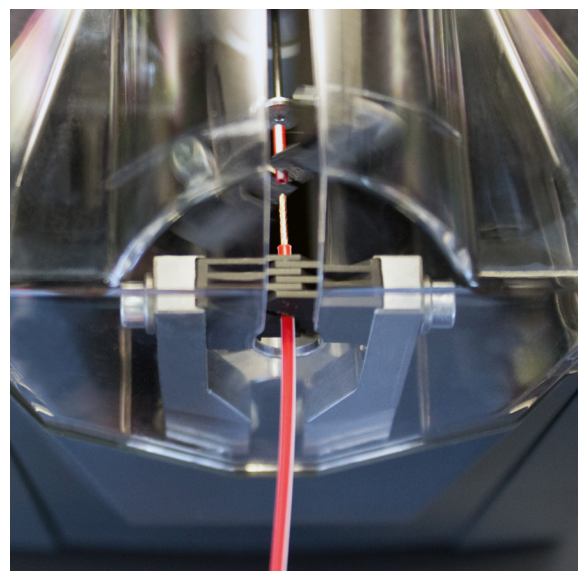
Your Benefits

- Intuitive color touchscreen user interface
- Networking capability
- LED lighting provides the operator with a clear view of the entire working area
- Very sensitive trigger sensor. Works great for small, flexible wires
- No mechanical adjustments required when changing wire sizes
- Controlled twisting of inner conductor strands
- Wire list processing

CoaxStrip 5200
Coaxial Cable Stripping Machine

Your Benefits

- High precision rotary stripping with up to three steps
- Intuitive color touchscreen user interface
- No mechanical adjustments required when changing wire sizes
- LED lighting provides the operator with a cl[...] view of the entire working area
- Very sensitive trigger sensor – works great f[...] small, flexible wires
- Data backup via USB port
- Networking capability

The CoaxStrip 5200 is a fully programmable, multi-step stripping machine for coaxial, multi-condu[...] cable and single conductor wire. Thanks to the universally designed blades, centralizers and clampi[...] jaws, the full range of cables can be processed without making any mechanical adjustments. A hig[...] resolution color touchscreen user interface makes it easy to create, edit, name, save and recall up t[...] 1,000 programs. The CoaxStrip 5200 offers high flexibility, productivity and user-friendliness.

Technical Data

Raw Material Diameter
Maximum 7 mm (0.27")

Strip Length
Maximum 33 mm (1.29")

CoaxStrip 5300 RX

Micro-Coaxial Cable Stripping Machine

Your Benefits

- High precision rotary stripping with up to nine steps
- Able to strip very thin layers due to the unique four-blade concept
- No tooling or blade changeovers required
- Universal four-jaw cable centering system
- Menu guided programming with user-friendly graphical display

The CoaxStrip 5300 RX quickly and accurately strips wires and cables that would be virtually impossible to strip by hand. The CoaxStrip 5300 RX strips extremely thin micro-coaxial cables down to inner diameters of only 0.07 mm (42 AWG) at short cycle times. Its high-speed rotary stripping head guarantees maximum precision and prevents maintenance-related machine downtime.

Technical Data

Raw Material Diameter
Minimum 0.07 mm (42 AWG)
Maximum 2 mm (0.079")

Strip Length
Maximum 29 mm (1.14")

CoaxStrip 5400

Coaxial Cable Stripping Machine

Your Benefits

- High precision rotary stripping with up to nine steps
- No tooling or blade changeovers required
- Fully programmable. Up to 1,000 memory locations
- Menu guided programming with user-friendly graphical display

The CoaxStrip 5400 is a semi-automatic, programmable stripping machine designed to perform both single and multiple stage strips. Production proven mechanics, combined with state-of-the-art electronics and a user-friendly display create an easy to use platform that offers maximum efficiency.

Technical Data

Raw Material Diameter
Maximum 11 mm (0.43")

Strip Length
Maximum 40 mm (1.57")

CoaxStrip 6380
Coaxial Cable Stripping Machine

Your Benefits

- Precise and powerful with very fast cycle times
- Cable diameter verification
- Cable end detection for very precise strip lengths
- Barcode scanning function
- S.ON Software

The CoaxStrip 6380 is a fully programmable multi-step stripping machine for coaxial, triaxial and multi-conductor cable as well as single conductor wire. Very fast cycle times, multiple steps with freely selectable stripping sequence, cable diameter verification, cable end detection, and automated cable retraction functions guarantee high precision and reliability.

Technical Data

Raw Material Diameter
Maximum 8 mm (0.314")

Strip Length
Maximum 40 mm (1.57")

CoaxStrip 6580
Coaxial Cable Stripping Machine

Your Benefits

- Precise and powerful
- Able to strip very thin and tough insulations due to the unique four-blade concept
- Large processing range
- Cable diameter verification
- Barcode scanning function
- S.ON software

The CoaxStrip 6580 is a fully programmable multi-step stripping machine for coaxial, triaxial, and multi-conductor cable as well as single conductor wire. State-of-the-art electronics, a clear user interface and precision mechanics guarantee repetitive, unmatched Schleuniger stripping quality. Due to the unique 4 blade concept the machine is able to strip thin, tough and slightly out-of-round insulations. The incisions of the blades are linear and perpendicular to the cable axis, resulting in a clean and highly precise cut.

Technical Data

Raw Material Diameter
Maximum 17 mm (0.67")

Strip Length
Maximum 100 mm (3.94")

SemiRigid 1050
Semi-Rigid Coaxial Cable Stripping Machine

Your Benefits

- High precision field proven mechanics based on the previous model SemiRigid 1000
- User-friendly high resolution 7″ color touchscreen
- Intuitive and easy programming thanks to the excellent menu navigation and predefined cable stripping templates
- Many useful wizards for machine setup and maintenance
- Appealing design and ergonomics
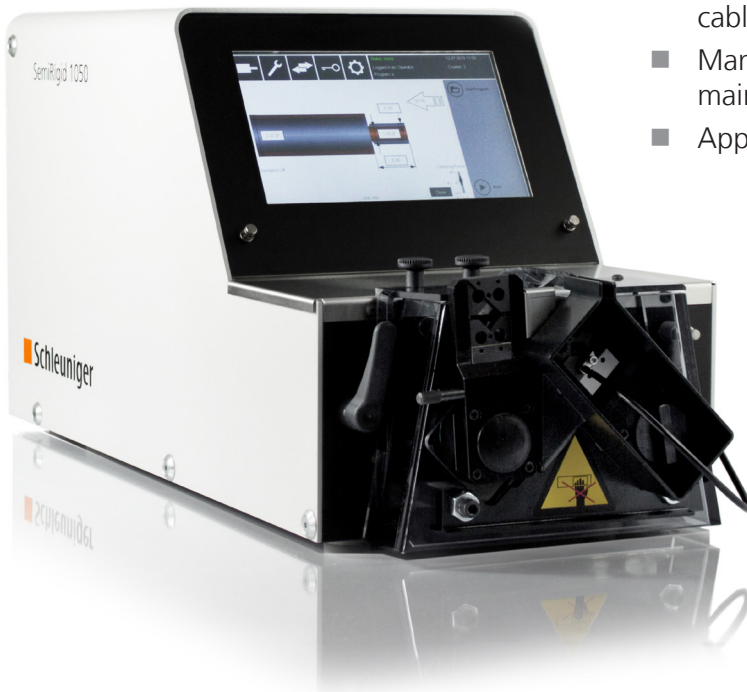
The SemiRigid 1050 is a highly specialized machine for stripping aluminum or copper jacketed semi-rigid coaxial cables. It features a user-friendly, high resolution color touchscreen interface and intuitive programming. The SemiRigid 1050 offers the precision and flexibility needed to process semi-rigid coaxial cable at the highest possible quality!

Technical Data

Raw Material Diameter
Maximum 4.50 mm (0.177″)

Strip Length
Maximum 30 mm (1.18″)

JacketStrip 8310
Stripping Machine
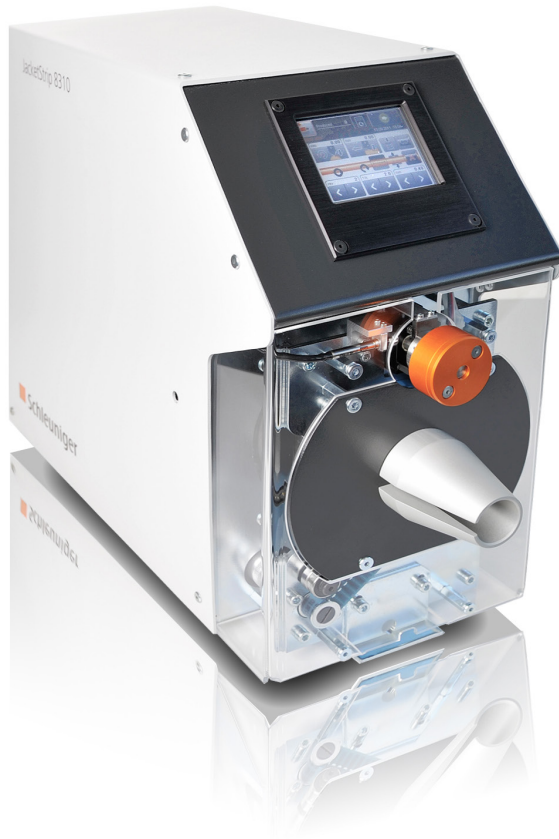
Your Benefits

- Intuitive handling
- Processing of out-of-round and twisted pair cables
- No blade changes required
- Digital display of axial and radial blade depths
- Universal four-jaw cable centering system with wayback function
- Networking capability

The JacketStrip 8310 precisely slits the outer jacket of insulated cables. Due to the unique floating blade system, round or out-of-round cable jackets can be processed without damaging the underlying cable layers. With simple operations, a short cycle time and a universal blade design, the JacketStrip 8310 guarantees high return on investment.

Technical Data

Raw Material Diameter
Maximum 25 mm (1.0")

Strip Length
Maximum 500 mm (19.7")

JacketStrip 8400
Stripping Machine

Your Benefits

- Handles thick cables and tough insulation materials
- Partial and window stripping capability
- Rotary incision head with four-blade technology
- No blade changes required
- High flexibility

The JacketStrip 8400 stripping machine is the innovative solution for stripping the outer jackets of difficult or hard-to-process power cables. The solid, powerful machine processes thick, tough, soft or thin insulation materials with ease. Customers benefit from simple operation, short cycle times and a universal blade design.

Technical Data

Raw Material Diameter
Maximum 26 mm (1.0")

Strip Length
Maximum 200 mm (7.87")

Mercury-4
Laser Stripping Machine

The Mercury-4 strips wires and cables ranging in size from 0.0010 to 16 mm² (50 to 6 AWG). Using the color touchscreen, the operator selects the desired stripping parameters from the programmed library and all parameters (strip lengths, laser power and speed, etc.) are automatically set. Once the operator selects the required program, the machine is ready for operation. The Mercury-4 can strip cables inserted into the supplied fixture aperture to an end stop, or via a custom fixture plate. A camera allows the whole process to be monitored.

Technical Data

Raw Material Diameter
Maximum 6 mm (0.24")

Strip Length
Maximum 50 mm (2.0")
Minimum 0.5 mm (0.02")

Length Increments
0.1 mm (0.001")

Mercury-4

Schleuniger
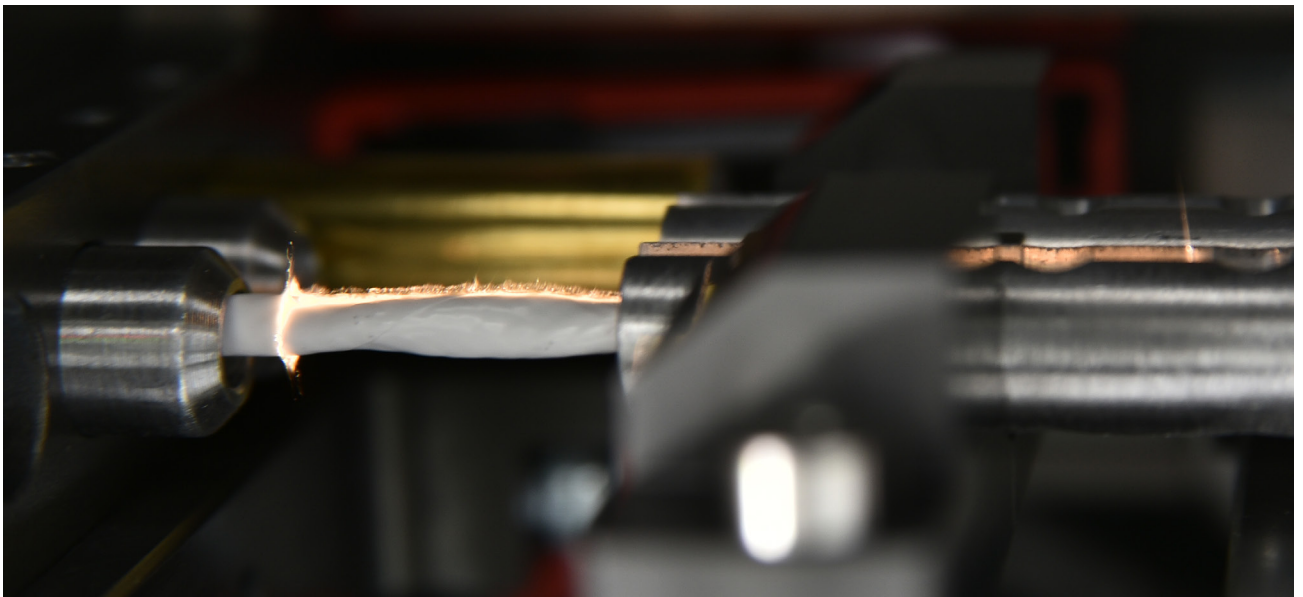
Your Benefits

- High quality, nick-free stripping
- Strips all polymer materials and colors
- Non-contact – no wear parts
- 0.0010 to 16 mm² (50 to 6 AWG)
- Powerful and flexible processing capabilities
- 20 watt CO2 Laser

ShieldCut 8100
Unrivaled Flexibility for Cable Shield Cutting

The ShieldCut 8100 is an unrivaled and flexible semi-automatic machine designed to cut the braided shielding of round and out-of-round cables. The machine is controlled via an intuitive color touchscreen user interface for fast and easy operation. All the production data can be saved and retrieved at any time. The ShieldCut 8100 is equipped with reliable drives and high-performance control software for repeatable, high-quality results that cannot be achieved with manual shield processing.

Technical Data

Raw Material Diameter
Maximum 9 mm (0.35")

Shield Cut Length
Maximum 120 mm (4.72")
Minimum 10 mm (0.39")

Jacket to Shield Distance
Minimum 1.5 mm (0.06")

Your Benefits

- Ingenious processing concept
- High degree of processing flexibility
- Repeatable processing quality
- Intuitive programming

FiberStrip 7030

Stripping Machine

Your Benefits

- High precision stripping of buffers and coatings
- Light and portable
- Adjustable temperature heating and dwell time system
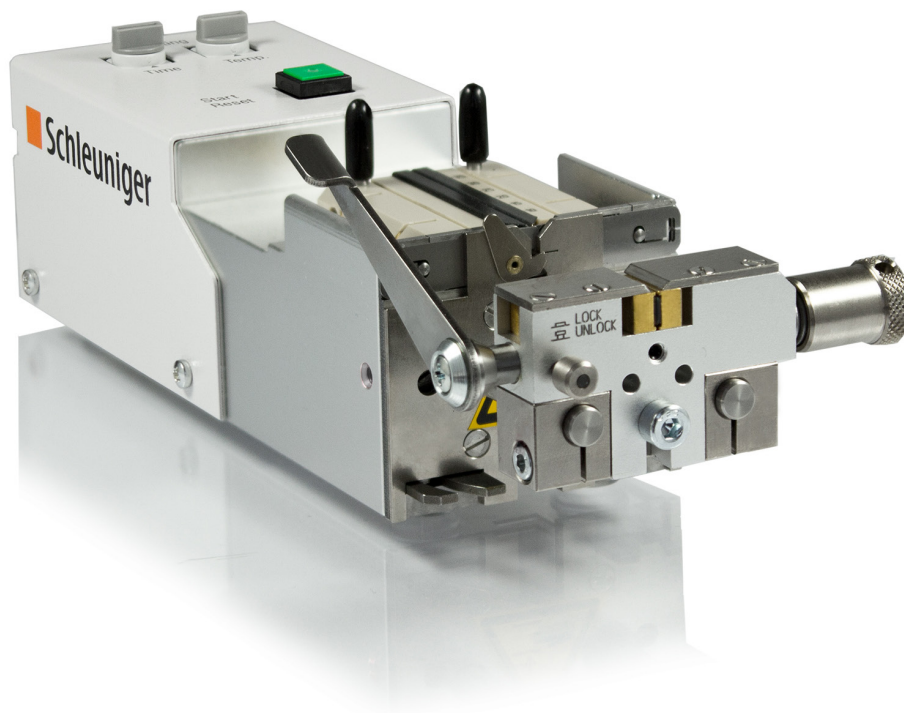
The FiberStrip 7030 is compact, yet packed with features. It is designed for stripping single coated and buffered fibers. This machine strips single fiber in a semi-automatic fashion without touching the glass. It serves as an ideal companion to cleaving and splicing devices for standard and high strength splicing.

Technical Data

Raw Material Diameter
Maximum 1.5 mm (0.06")

Strip Length
Maximum 35 mm (1.4")

UniStrip 2545
Stripping Machine

Your Benefits

- For partial strips with long stripping lengths
- Extremely short cycle times
- No blade changeover necessary
- Simple machine operation
- Robust and reliable

Technical Data

Raw Material Diameter
Maximum 3.2 mm (0.12")

Maximum/Minimum Conductor Cross-Section
2.08 mm² (14 AWG) / 0.03 mm² (32 AWG)

Strip Length
Maximum 45 mm (1.8")

The UniStrip 2545 is ideal for jacket stripping of fiber optic cables. This machine operates with extremely fast cycle times and features a universal blade system that eliminates time consuming changeovers.

FiberOptic 7010
Cutting Machine

Your Benefits

- Economic solution for cutting of Kevlar strength members
- Precision cutting
- Extremely light
- Easy handling
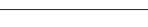
Technical Data

Raw Material Diameter
Maximum 4.5 mm (0.18")

The FiberOptic 7010 Kevlar cutting machine cuts and removes Kevlar fibers from optical fiber wires. Kevlar, used as a strength member, is very hard to cut with common tools such as scissors. The patented system easily separates and draws the Kevlar into the cutting head, where it is severed. This machine also features an efficient vacuum system with a micro pore filter to dispose of the separated Kevlar ensuring that no fibers are inhaled by the operator.

Application Overview Cut

Applications

Machine	EcoCut 3200	EcoCut 3300	PowerCut 3700
Maximum Raw Material Diameter	10 mm (0.39")	12 mm (0.47")	25 mm (1.0")
Raw Material Width	–	100 mm (3.94")	25 mm (3.23")
Round cables, Profiles	■	■	■
Tubing	■	□	□
Shrink tubing		■	■
Flat cables		■	■
Thin metallic, non-metallic sheets		■	■
Woven fabric		■	■
Wire marking	■	■	■

■ Applicable without restrictions   □ Applicable with restrictions

EcoCut 3200

Cutting Machine for High Quality Tube Cutting

Your Benefits

- High output rate due to double cut system
- Precise and repeatable perpendicular cutting of tubes guarantees high quality
- All electric operation for flexible use in production

The EcoCut 3200 is an automatic cutting machine for measuring and cutting round material and tubing. The double stroke cutting head achieves a very high production rate for high efficiency while maintaining outstanding quality. The EcoCut 3200 features several interfaces for peripheral components.

Technical Data

Raw Material Diameter
Maximum 10 mm (0.39") Cable Cutting Head

Conductor Cross-Section
Maximum 6 mm² (10 AWG)

EcoCut 3300
All Electric Cutting Machine

Your Benefits

- Versatile machine can be used to process a wide range of materials
- Easy, menu guided operation and programming requires minimal training
- Due to the heavy duty, precision cutting unit, even very thin materials (Kevlar strands, foil, etc.) can be cut clean and square
- Excellent price to performance ratio

The EcoCut 3300 is an entry level cutting machine for a wide range of materials, including round and flat cable, wire and tubing. Its electrically driven rollers feed the material to the universal cutting unit. The cutting unit is also electrically driven and position controlled. Because the machine does not require air pressure, it can be installed anywhere in production. The EcoCut 3300 can be used as a stand-alone machine or can be integrated into a processing line.

Technical Data

Raw Material Diameter
Maximum 12 mm (0.47")

Conductor Cross-Section
Maximum 16 mm^2 (6 AWG)

Raw Material Width
Maximum 100 mm (3.94")

PowerCut 3700
Cutting Machine for Heavy, Round and Flat Material

Your Benefits

- Heavy duty cutter head for cutting material with larger cross sections
- Transport drive with wide belts for accurate cutting of flat material
- Increased throughput due to high cutting rate and transport speed

The PowerCut 3700 is the ideal cutting machine for material with larger cross sections. The all electric machine precisely cuts wire, round and flat cables, Glass Optical Fiber (GOF), tubing material, foil and more. This automatic cutting machine provides an excellent price to performance ratio. The PowerCut 3700 may be used as a standalone machine as well as in combination with various peripheral machines.

Technical Data

Raw Material Diameter
Maximum 25 mm (1.0")

Conductor Cross-Section
Maximum 70 mm² (2/0 AWG)

Raw Material Width
Maximum 82 mm (3.2")

Schleuniger Software Options

Cayman – Wire Processing Software

Cayman is the software solution for Schleuniger's automatic cut & strip machines. The intuitive menu structure is ideal for fast and efficient programming of individual wires or entire wire lists. The user-friendly software provides exemplary functionality, production flexibility and expandability through open interfaces. Furthermore, offline programming eliminates unnecessary downtime by allowing programming while the machine is in production.

Cayman Device Connector

The Cayman Device Connector allows Schleuniger's Cayman software to send the marker specific data from a Cayman wire program or wire list directly to a wire marking device. This eliminates the need and complication of programming the marking device separately. Existing wire programs in Cayman can be used with little adaptation.

Schleuniger Software Options

Iguana – Wire Processing Software

Iguana is the PC software for offline programming and administration of wire data for Schleuniger's semi-automatic machines. Offline programming eliminates unnecessary downtime, increasing machine productivity. In addition Iguana expands capacity for storing wire data.

Leading Software Solutions for the Wiring Harness Industry

DilT GmbH is the world's leading supplier of manufacturing execution systems (MES) for the production of cable sets and wiring harnesses, for industries such as automotive.

For more than 25 years the company's innovative software solutions optimize and control complex development, manufacturing, and logistics processes for international manufacturers and support quality assurance and traceability. The company offers a comprehensive range of services, from consulting and project management right through to customer-specific implementation and training for both large and small customers.

DilT's competencies are bundled in the "4Wire Solutions" software suite, which is primarily used for the production of wire harnesses and wiring systems in the automotive industry and other industrial sectors. By digitalizing the value chains, the company's innovative software optimizes and controls complex development, manufacturing and logistics processes and supports quality assurance and traceability.
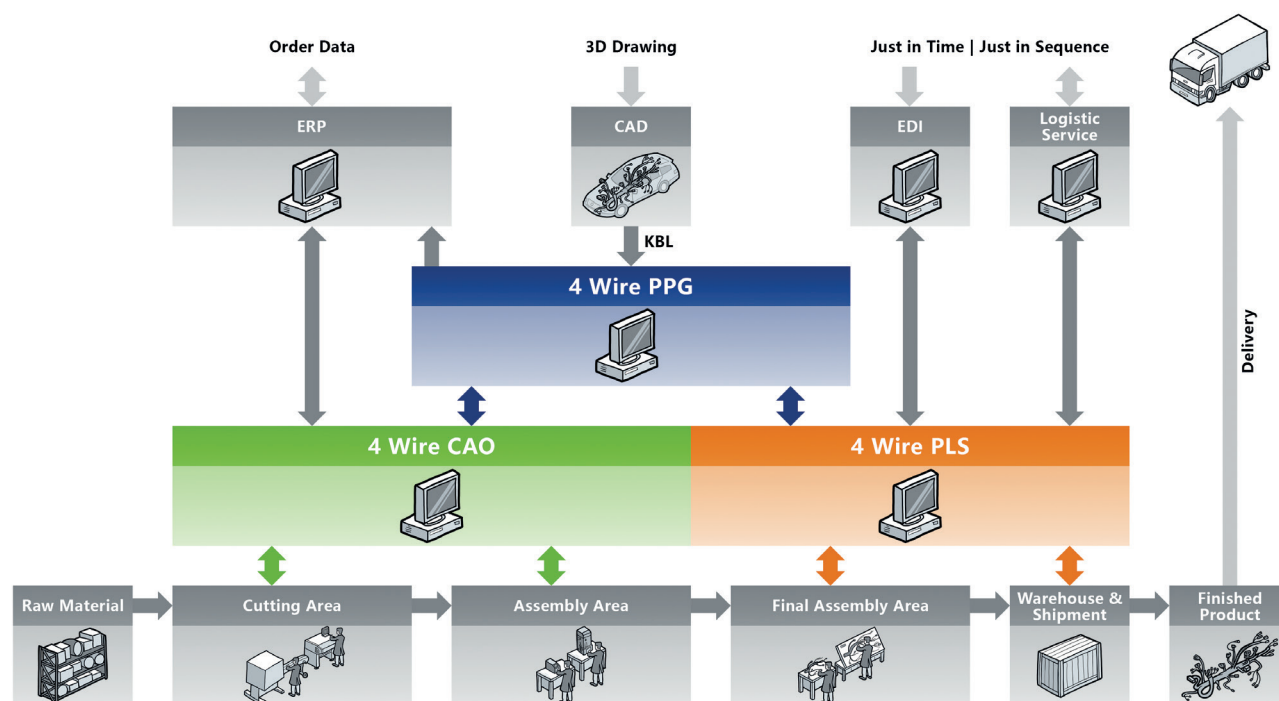
Testimonials

"CAO is state-of-the-art technology and enables us, on a worldwide basis, to control and optimize production in this field with a standardized, integrated solution."
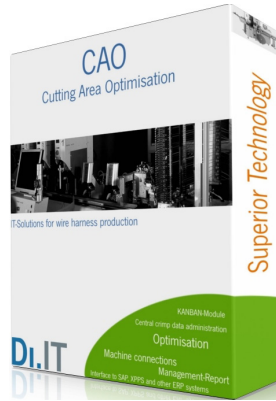
Ralf Maus, Managing Director,
Executive Vice President & COO, LEONI Bordnetz-Systeme GmbH
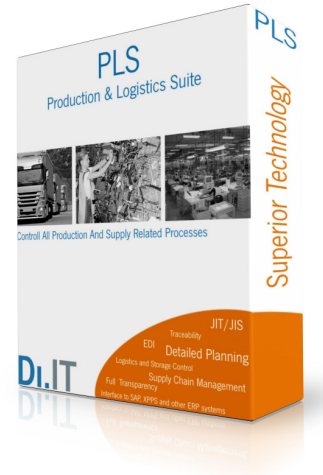
4*Wire* Software Solutions

4*Wire* PPG – Production Plan Generation

4*Wire* PPG generates the production documents and production data automatically from the drawing.

4*Wire* CAO – Cutting and Assembly Optimization

4*Wire* CAO generates, optimizes and distributes cutting orders directly to machines and provides quality equivalent to the OEM requirements.

4*Wire* PLS – Production & Logistics Suite

Produce and deliver customer specific wire harnesses (KSK) just-in time or just-in sequence 4*Wire* PLS receives customer specific order and JIT/JIS-calls and manages the production and delivery.

DilT GmbH | Branch Office – Berlin | Am Borsigturm 33, D-13507 Berlin
Phone: +49 30 640 996-35 | Fax: +49 30 640 996-36 | E-mail: berlin@diit.de

To Be Precise.