



## **UniStrip 2300** **Stripping Machine**

- 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

# STRIPPING

# UniStrip 2300

## Application Range | Function

The Schleuniger UniStrip 2300 strips wires ranging in size from 0.03 – 8 mm<sup>2</sup> (32 – 8 AWG) and jacketed cables up to 5.5 mm (0.22") in diameter. This innovative machine does not require any mechanical adjustments to process different wire sizes. Using the color touchscreen, the operator selects the desired wire size from the preprogrammed library and all parameters (cutting diameter, clamping pressure, blade way back, etc.) are automatically set. The operator edits the stripping and pull-off lengths as required and the machine is ready for operation. The UniStrip 2300 begins the stripping process when the wire end touches the trigger sensor. The wire is automatically clamped and the stripping process is performed according to the programmed values. If desired, the program can be saved to internal memory for future use

## Stripping Possibilities

- Full pull-off, Full pull-off and recut
- Partial pull-off, Partial pull-off and recut
- Multiple strips
- Power cords with different strip lengths
- Sensor cables with short break-out lengths

## Programmable Processing Parameters

- Cutting diameter, cutting speed
- Blade way back (default values in "Basic Wire", programmable in "Extended Wire")
- Stripping length, pull-off length, pull-off speed
- Trimming function (for precise strip lengths)
- Cable clamping pressure

Technical specifications	
Conductor Cross-Section	0.03 – 8 mm <sup>2</sup> (32 – 8 AWG)*
Raw Material Diameter	Maximum 5.5 mm (0.22")
Diameter Increments	0.01 mm (0.001")
Strip Length	Minimum 1.5 mm (0.06") Maximum 46 mm (1.81") Stripping length plus pull-off length must be ≤ 53.4 mm (2.1")
Pull-off Length	Maximum 26 mm (1.02") Stripping length plus pull-off length must be ≤ 53.4 mm
Strip Length Increments	0.1 mm (0.01")
Cycle Time	0.35 s (0.75 mm <sup>2</sup> (18 AWG) wire, stripping length 10 mm (0.39"), pull-off length 5 mm (0.19"))
Cycle Start	Automatic trigger sensor or optional foot pedal
Available Stripping Blades	V-blades
Raw Material Typ	PVC, PUR, rubber, Teflon®, Tefzel®, Kapton, etc.
Clamping	Programmable clamping force
Memory Capacity	1000 wires or cables (memory function only with "Extended Wire") 100 wire lists / maximum 40 wires
Interfaces	Foot pedal, USB "Host"
Options	SmartDetect, Foot pedal, thin clamping jaws
Noise Level	< 70 db (A)
Power Supply	100/115 VAC, 230/240 VAC, 65 W / 50/60 Hz
Dimension (L x W x H)	390 x 130 x 280 mm (15.3 x 5.1 x 11.0")
Weight	10 kg (22 lbs.)
CE-Conformity	The UniStrip 2300 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electro-magnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in case where there is doubt as to the processing capabilities of a particular machine. *Wires with hard insulations or those that are tightly bonded might not be able to be processed even if they are within the application range stated above. For cross sections larger than 6 mm <sup>2</sup> (10 AWG), sample processing is required.