



Innovators in Wire Processing

**UniStrip 2300**  
Stripping Machine

STRIPPING

# UniStrip 2300

## Application Range / Function

The Schleuniger UniStrip 2300 strips wires ranging in size from 0.03 – 6 mm<sup>2</sup> (32 – 10 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.

## Special Features

- Intuitive color touch screen user interface
- Can strip inner conductors of jacketed cables with short break out lengths
- No mechanical adjustments required when changing wire sizes
- Very sensitive trigger sensor – works great for small, flexible wires
- Operator has clear view of the entire working area

## 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

<b>Wire Cross Section</b>	0.03 – 6 mm <sup>2</sup> (32 – 10 AWG)
<b>Max. Outer Diameter</b>	5.5 mm (0.22")
<b>Diameter Increments</b>	0.01 mm (0.001")
<b>Stripping Length</b>	0.5 - 46 mm (0.02 - 1.81") (stripping length plus pull-off length must be ≤ 53.4 mm)
<b>Max. Pull-off Length</b>	26 mm (1.02") (stripping length plus pull-off length must be ≤ 53.4 mm)
<b>Length Increments</b>	0.1 mm (0.01")
<b>Cycle Time</b>	0.35 s (0.75 mm <sup>2</sup> wire, stripping length 10 mm, pull-off length 5 mm)
<b>Cycle Start</b>	Automatic trigger sensor or optional foot pedal
<b>Available Stripping Blades</b>	V-blades
<b>Processable Insulation Materials</b>	PVC, PUR, rubber, Teflon®, Tefzel®, Kapton, etc.
<b>Cable Clamping</b>	Programmable clamping force
<b>Program Memory</b>	1000 wires or cables (memory function only with "Extended Wire")
<b>Interfaces</b>	Foot pedal, USB "Host"
<b>Options</b>	Foot pedal, radius centralizers
<b>Noise Level</b>	< 70 db (A)
<b>Power Supply</b>	100/115 VAC, 230/240 VAC, 65 W / 50/60 Hz
<b>Dimension (L x W x H)</b>	390 x 130 x 280 mm (15.3 x 5.1 x 11.0")
<b>Weight</b>	10 kg (22 lbs.)
<b>CE-Conformity</b>	The UniStrip 2300 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electro-magnetic compatibility.
<b>Important Note</b>	Schleuniger recommends that wire samples be submitted in case where there is doubt as to the processing capabilities of a particular machine.

Sales and Service by:

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To Be Precise.