Schleuniger

UniStrip 2550
Stripping Machine

- 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
- Barcode scanning function

STRIPPING

UniStrip 2550

Application Range | Function

The Schleuniger UniStrip 2550 strips wires ranging in size from 0.03 – 6 mm² (32 – 10 AWG) and jacketed cables up to 5.5 mm (0.22") in diameter. The machine comes standard with V-blades, the optimum solution for stripping most wires without having to change blades. Through the use of special blades, the range of applicatons can be expanded. 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.

Function

The UniStrip 2550 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.

Programmable Processing Parameters

- Cutting diameter and 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 – 6 mm² (32 – 10 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") With recut: Minimum 0.5 mm (0.02") Maximum 43 mm (1.69")
Pull-off Length	Maximum 22 mm (0.86")
Strip Length Increments	0.1 mm (0.01")
Cycle Time	0.35 s (0.75 mm² (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, Radius-blades, Die-blades, Special blades
Raw Material Type	PVC, PUR, rubber, Teflon®, Tefzel®, Kapton, etc.
Clamping	Programmable clamping force
Memory Capacity	1000 wires or cables (memory function available only with "Extended Wire")
Interfaces	Foot pedal, USB "Host"
Options	Foot pedal, special 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	9.4 kg (21 lbs.)
CE–Conformity	The UniStrip 2550 fully complies with all CE and EMC equipmentguidelines relative to mechanical and electrical safety and electromagnetic 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.

To Be Precise.