HotStamp 4500
Hot Stamp Marking Machine

- Wide carriage for end marking applications
- Stroke adjustment to ensure maximum production rate base on wire size
- Large selection of character sizes and foils
- Drawer allows quick foil changeover
- Standard V-block wire guide allows marking on cable up to 15 mm (0.59") outer diameter
- Closed loop integral temperature controller

MARKING

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Concept | Function

The Schleuniger HotStamp 4500 is a hot stamp wire marker for a variety of insulation types including PVC, Teflon®, Tefzel®, Cross-linked, SXL and GXL up to 15 mm outer diameter. Its wide carriage enables this compact unit to mark each end of the wire and cable with a different alphanumeric string up to 16 characters long. Since both, leading and trailing end marks are applied at the same time, it can also perform double continuous marking at set intervals for greater production rates. The HotStamp 4500 easily interfaces with any Schleuniger cut & strip machine or cutter.
An optional foot pedal is also available for stand-alone operations.

Technical specifications	
Raw Material Diameter	Min. 1.0 mm (0.04") Max. 15.0 mm (0.59")
Number of Wheels	Max. 38 (requires custom width foil) or 2 x 16 for end marking
Characters per Wheel	40 (uses same wheels as the HotStamp 4140)
Marking Pressure	0 – 6 bar (0 – 90 psi) Integral control with closed loop feedback sensor
Marking Temperature	0 – 205° C (0 – 400°) (integrated temperature controller)
Character Wheels	Type style: Radiused characters only Type sizes horizontal: 1.2 / 1.5 / 1.6 / 1.7 / **1.8** / 2.0 / **2.1** / 2.3 mm* Type sizes vertical: **1.2** / **1.6** mm* Horizontal "+" instead "/" 1.5 / 1.6 / 1.8 / 2.3 mm Wheel configurations: A to Z; 0 to 9; -/. and blank ***bold** = on stock
Marking Foil	Types: Standard (general purpose); Teflon® (for Teflon®) 700K (for Cross-linked, SXL, GXL) Colours: Black, white (other colours upon request) Widths: 29 mm (1.1") und 50 mm (2.0") Foil usage per mark: 3 mm (0.12") adjustable
Power Supply	Compressed Air: 6 bar (90 psi) Electrical: 230/120 Volts (50/60 Hz) 35 VA
Interfaces	Input: 24 VDC or contact closure (cycle start) Output: Microswitch contact closure (marker busy)
Dimensions (L x W x H)	230 x 535 x 305 mm (9 x 21 x 12")
Weight	26 kg (58 lbs.)
CE–Conformity	The HotStamp 4500 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

To Be Precise.