HotStamp 4500
Hot Stamp Marking Machine

MARKING

HotStamp 4500

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.

Special Features

- ■ Wide carriage for end marking applications
- ■ Stroke adjustment to ensure maximum production rate based 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

Technical Specifications

Interfaces To	EcoStrip 9300, OmniStrip 9400, PowerStrip 9500, OC 3950, MegaStrip 9600
Cable Diameter	Min. 1.0 mm (0.04") Max. 15.0 mm (0.59")
Max. # Of Wheels	38 (requires custom width foil) or 2 x 16 for end marking
Character Per Wheel	40 (uses same wheels as the HotStamp 4140)
Stamping Pressure	0 – 6 bar (0 – 90 psi) Integral control with closed loop feedback sensor
Stamping Temperature	0 – 205° C (0 – 400°) (integrated temperature controller)
Integral Dwell Timer	0.1 – 1.2 seconds, adjustable
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 foils	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)

Technical Specifications

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.

Sales and Service by:

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To Be Precise.