HotStamp 4140
Hot Stamp Marking System

- Schleuniger HotStamp Marking Systems are designed for use with Schleuniger cut and strip equipment. The characters can be changed quickly with the indexing system allowing quick changeovers.
- Supports up to 25 character wheels

MARKING

HotStamp 4140

Concept / Function

The Schleuniger model HotStamp 4140 is designed for the economical and high quality marking of wires and tubing. The combination of characters and character size can be selected freely within the specific range. The HotStamp Marking process is suitable for marking thermoplastic materials. During the process the preheated character wheels imprint the precisionengraved characters by pressing the pigmented marking foil into the selected material. The concave form of the characters is exactly matched to the diameter of the processed material. The precise adjustments for the stamping pressure and time and the marking temperature allow to reproduce the results.

Technical Specifications	
Processable materials	Insulated wires, cables and flat materials
Cable diameter	1 to 12 mm (0.04 - 0.50")
Marking pressure	Adjustable from 0.1 to 0.7 MPa (1-7 Bar) / 15-105 psi
Marking temperature	Adjustable from 0° to 160° C (32° –345° F)
Stamp time	Adjustable from 0.1 to 3.0 s
Compressed air requirements	0.7 Mpa (7 bar) / 100 psi
Options	Foot pedal / Standard and customized types / Interface cables for in-line operation
Maximum # of wheels	25
Character wheels	40 characters per wheel (all alphanumeric characters)
Character size (horizontal)	Standard: 1.2 / 1.5 / 1.6 / 1.7 / 1.8 / 2.0 / 2.1 / 2.2 / 2.5 / 2.7 mm
Character size (vertical)	Standard: 1.2 / 1.6 mm
Marking foil	Foil material: PVC-Foil, Teflon-Foil Foil colors: black, white; on request: red, yellow, green, blue
Type holder and single types	Number of characters: 15-25 depending on the style and size of the character
Power supply	115 VAC, 230 VAC, 200 VA, 50-60 Hz
Dimension (L x W x H)	Marking unit: 180 x 240 x 250 mm (7.0" x 9.0" x 10.0") Control unit: 390 x 220 x 80 mm (16.0" x 9.0" x 3.0")
Weight	Marking unit: 10 kg (22 lbs) Control unit: 5 kg (11 lbs)
CE – conformity	The HotStamp 4140 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.