



TTP 5000

Thermal Printing Wire Marker

- Designed for marking wires and cables with various insulation types
- Can print on the entire circumference of a wire or cable
- Innovative thermal transfer / hot stamp marking technique for abrasion-resistant markings
- Printing of barcodes, logos, texts, graphics and 2D codes
- Integrates with all Schleuniger automatic cutting and stripping machines

WIRE MARKING

TTP 5000

Concept

The TTP 5000 thermal transfer printer marks wires and cables using thermal transfer and hot stamp marking techniques. The resulting high resolution marks are very abrasion resistant. The TTP 5000 is designed to be used in line with all Schleuniger automatic cutting and stripping machines.

Marking Possibilities

With the TTP 5000, the following elements can be marked:

- Text fields and variable text fields
- Database variables
- Number fields
- Counter variables
- Logos, images and 2D graphics
- Data
- Barcodes
- Special characters

Marking Technique

The combination of thermal transfer printing and hot stamp marking in one machine enables high quality, abrasion resistant marks on most wires and cables. In a first step, a thermal transfer foil is processed in such a way that only the elements that are to be printed remain on it. These remaining elements are then hot stamped onto the wire or cable. Thanks to a special rolling process, the entire circumference of a wire or cable can be marked. This makes it possible to print text, logos, barcodes, etc. using larger fonts, increasing their legibility. Marks can also be applied at any position along a wire or cable.

Simple Programming

- Complete integration with CAYMAN PC software
- Simple import of graphics (monochrome*.bmp*.pcx formats)
- Input of all parameters via external keyboard or laptop possible (depending on operating mode)
- Direct transmission of CAYMAN wire list program print data to the TTP 5000 marking device with the CAYMAN Device Connector

Technical Specifications	
Raw Material Diameter	2 – 16 mm (0.08 – 0.63")
Marking Length	Max. 80 mm (3.15")
Marking Height	20 mm (0.79") in roll mode
Thermofoil Size	83 mm x 300 m (3.26"x 984')
Receptor Foil Size	100 mm x 150 m (3.93" x 492') or 100 mm x 100 m (3.93" x 328')
Foil Consumption	5 – 30 mm (0.19" – 1.18") (depends on size and font)
Marking Colors	Black and white
Marking Process	Roll mode
Compressed Air Connection	5 – 6 bar (75 – 90 psi), oil free, dry and filtered compressed air
Power Supply	110 VAC, 60 Hz or 240 VAC, 50 Hz (according to serial number plate)
Interfaces	RS 232, parallel interface or Ethernet
Dimensions (L x W x H)	85 x 52 x 48 cm (33.46" x 20.47" x 18.89")
Weight	43 kg (94.8 lbs.)
CE-Conformity	The TTP 5000 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire or cable samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.