



M.P.S. MARKING PACKING SERVICE S. r. l.

Sistemi di Marcatura e Codifica

U.S. PATENT NO. 5,109,769 E.P. PATENT NO. 0508971

Non-Porous Hand Printer



MPS's Non-Porous Hand Printer fills the requirement for a portable, hand held roll coder designed for marking on metal, plastic, glass, rubber and other materials that require fast drying solvent based inks.

The print drum's cam indexing mechanism provides for accurate print registration on smaller parts or the unit can be used in a non-indexing, continuous print mode for printing long lengths of material such as metal sheets.

The unique technology of the patented Non-Porous Inking System utilizes both an ink roll and an engraved anilox roll to apply ink to the rubber printing dies. Both rolls are mounted in a tightly sealed aluminum housing which prevents solvent evaporation from the ink roll during use and allows the usage of inks that dry as fast as 2 seconds at 75 degree F. ambient temperatures.

Precision machined from aircraft grade aluminum alloy, these coders are ideal for printing specifications, lot numbers, date codes or product identification information on any flat, non-porous surface. The high quality impressions are both weather proof and fade resistant and can be applied at rates much faster than stenciling or conventional hand stamping.

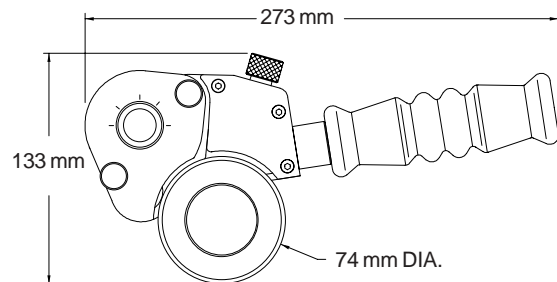
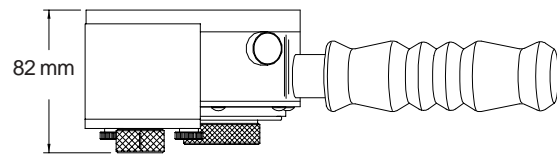
The HPNP Hand Printers are supplied with one of MPS's disposable Type MT Black Ink Rolls. For maximum versatility, the inking system also accommodates re-inkable XF Neoprene Ink Rolls. Ribtype rubber type and/or logo dies are sold separately.

FEATURES

- Precision machined anodized aluminum construction
- Sealed ball bearings for smooth print drum rotation
- Comfortable foam grip handle
- Easily removable print drum simplifies type setting
- Indexing or continuous print without modification

SPECIFICATIONS

HPNP-100 Indexing Model
HPNP-100NI Non-Indexing Model
Print Drum Circumference: 227 mm
Maximum Print Width: 25 mm
Die System: Ribtype
Weight: 1.26 Kg



Type MT Ink Rolls: Simple - Clean - Effective

Ink is supplied to the coder by a disposable **Type MT** Ink Roll. These rolls produce exceptionally dense black marks which dry in 4 -7 seconds at 24 degrees C. ambient temperatures on most non-porous surfaces. These disposable rolls yield up to 500,000 impressions in average usage. The roll is simply installed on the coder and replaced when the ink capacity is depleted. The MT Ink Rolls contain a fast drying solvent based ink and are designed for use only with our line of Non-Porous Coders.

The Type MT Ink Rolls provide uniform print density across the full print width of the coder - even on the 50 mm wide models. Since these rolls are not dependent on external inking, the coder can be mounted in any attitude for top, side or bottom coding applications - regardless of the coder's mounting configuration. The Type MT Ink Rolls are currently available in **Black, White, Green, Blue and Red**.



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