

KEYPOINTS

- Critical instrumentation had to be clearly and easily identified.
- Life of the tag in a harsh environment.

DECIDING PURCHASING FACTORS

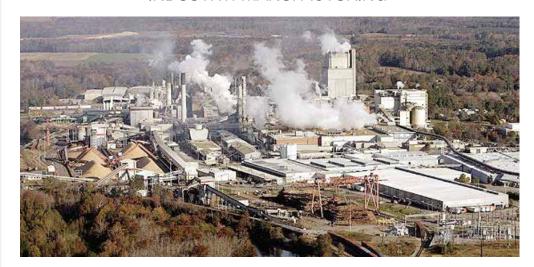
"I have used CIM embossers in the past at other manufacturing plants and have been very happy with the outcome. When the time came to implement an identification solution at this plant, the choice to go with another CIM solution was an easy one."



Machine: MDT500 HE Character set: Simplex 2

IDENTIFICATION SOLUTIONSFOR HARSH ENVIRONMENTS

INDUSTRY: MANUFACTURING



CUSTOMER

International Paper.

CHALLENGE

International Paper is a global manufacturer of paper and packaging products. They were in need of a permanent solution for equipment identification throughout their manufacturing plant.

SOLUTION

CIM's MDT500 HE Portable, Automatic Metal Plate Embossing MachineInternational Paper used the MDT500 HE to emboss color coded tags for easy, long-lasting identification of critical instrumentation throughout the plant.

RESULTS

Metal tags are embossed with item tag number and equipment settings, and affixed with stainless steel tie wire to instrumentation such as:

- Transmitters
- Pressure switches
- Control valves
- Meters







Embossed colored anodized aluminium tags for identification of critical plan instrumentation.

YOUR SUPPLY DEPOT LIMITED

207 E. Grant Highway | Marengo, IL 60152 | 815-568-4115 info@metalmarkingmachines.com | www.metalmarkingmachines.com

TECHNICAL FEATURES

PLATE & FEEDER

Dimensions1.12" x 2.50" and 1.25" x 2.25"MaterialsStainless steel, alluminum

Thickness Dog Tags: 0.3556 - 0.4572 mm / 0.014 - 0.018 in

Medical Alert Tags: 0.6604 - 0.8128mm/0.026 - 0.032 in

Input hopper Up to 120 plates capacity (0.4 mm / 0.0157 in)

MARKING

Technology Embossing or debossing

Drum capacity 60 slots

Type set Simplex 2, Elite Dog Tag, Block USA, Block 5, OCRB1

Embossing area 5 lines/15 characters (Elite 328 Dog Tag) **Performance** Up to 135 tags per hour (5 lines - 45 characters)

COMMUNICATION & SOFTWARE

InterfaceRS232 serial and USB 2.0 portSoftwareLinux based self enclosed software

Optional: Blade PC application proprietary software Windows / XP / Vista / 7

Optional: Blade USB on U3 USB key for multiple use

Direct controlCIM, Xon-Xoff, MultiEmbosser, Stored Format default, Stored Format **Protocol**Selected and Pound-Pound: for internal application development

HARDWARE

Power supply Universal switching power supply 100-240 Volts; 50 or 60 Hz

Power consumption 300 W max

Operating environment Temperature: $5^{\circ} \div 40^{\circ}\text{C } 7 / 41^{\circ} \div 104^{\circ}\text{ F}$

Relative humidity 30% \div 90°

Dimensions (WxDxH) 486 x 496 x 270 mm / 19.15 x 19.64 x 10.64 in

Weight 24 Kg / 52 lbs

VARIOUS

LCD display Innovative backlight LCD 320x180 display with high readability and reversed

characters for direct sun view

Others Built in keyboard

Easy to carry handle

Interchangeable input hopper for easy charge and discharge of medical alert & dog tags

Multilingual menu: english, spanish, italian

The automatic MDT 500 HE has been designed as the ideal no hassle solution for low to medium tag volumes. The machine is able to emboss or deboss up to 100 tags per hour. The unit weighs 24 kg, making it a compact, rugged, all inclusive, designed and built by CIM, the number one US Army supplier with quality steel materials to ensure years of trouble free service.

The MDT 500 HE comes with an integrated Linux based CPU that allows the machine to work completely stand alone.