



# Tomorrow's marking technology...today!

## M-Series Marking Machines

The complete I-Mark bench-top dot-peen marking system is offered in two versions:

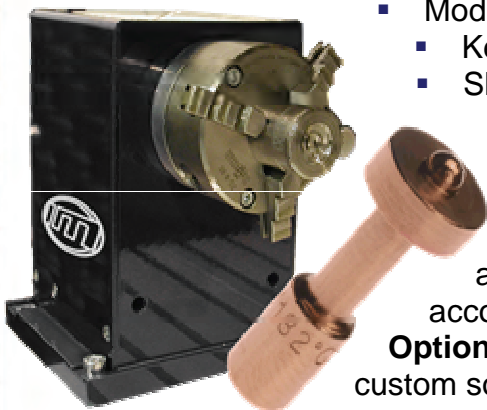
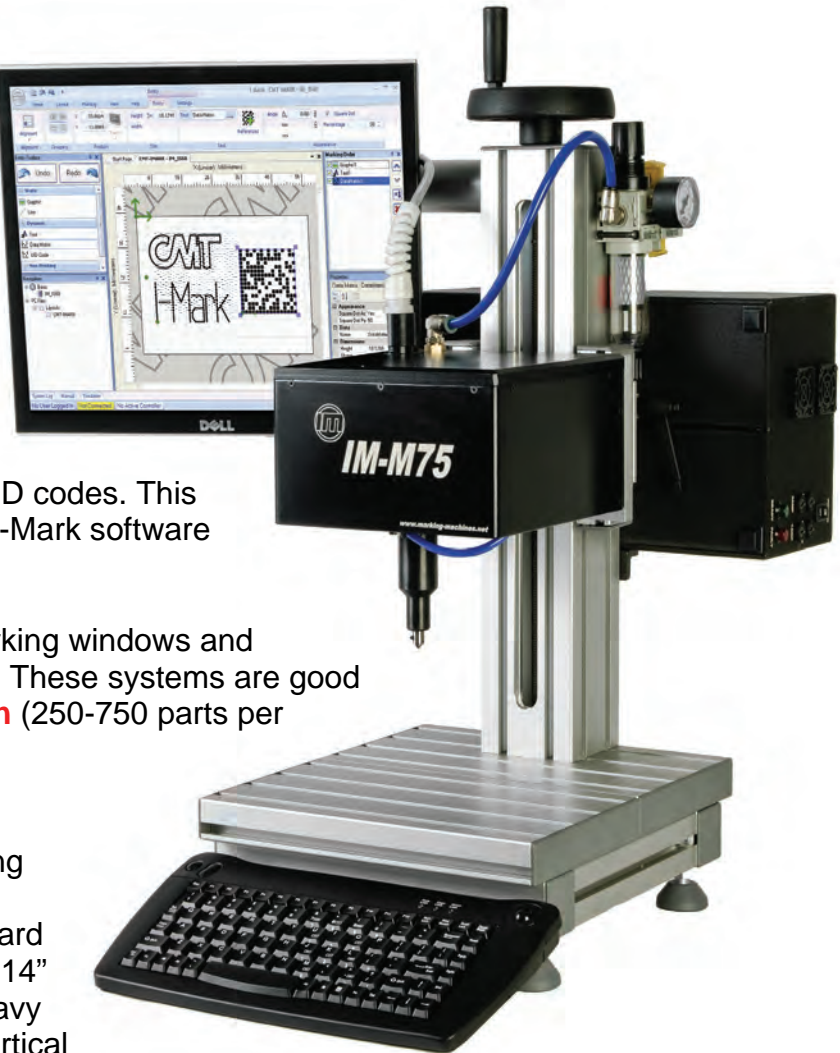
- 1) Standard for marking flats,
- 2) With a third axis for marking the OD of round parts.

M-Series dot-peen systems mark a wide variety of metal and plastic parts with a selection of fonts for alpha/numeric, serial numbers, date codes, logos, and 2D codes. This machine features the easy to use I-Mark software (details page 22).

Options include: a selection of marking windows and an operator touch screen upgrade. These systems are good solutions for **moderate production** (250-750 parts per shift) marking requirements.

Complete marking system:

- Pneumatic Dot-Peen Marking Head in three window sizes
- Bench-top stand with Standard aluminum T-slot table 12" x 14" (305 x 380mm) includes heavy duty column with manual vertical adjustment for parts up to 10 3/4" (275mm) tall.
  - Model 100 I-Mark Controller (details page 9)
  - Keyboard and monitor with optional touch-screen upgrade
  - Shut-off/Filter/Regulator
    - All cables required to set-up marking station



**Optional 3<sup>rd</sup> Axis Rotator:** To mark the OD of round parts. Chuck load up to 15 lbs (6.8 kg), jaw size of 3.14" (80mm) and maximum OD up to 6" (150mm). A longer table is used to accommodate the rotator.

**Options:** Machine base, part locating fixture, push button start, custom software (page 28).

## M-Series

### Bench Top M-Series How to Order

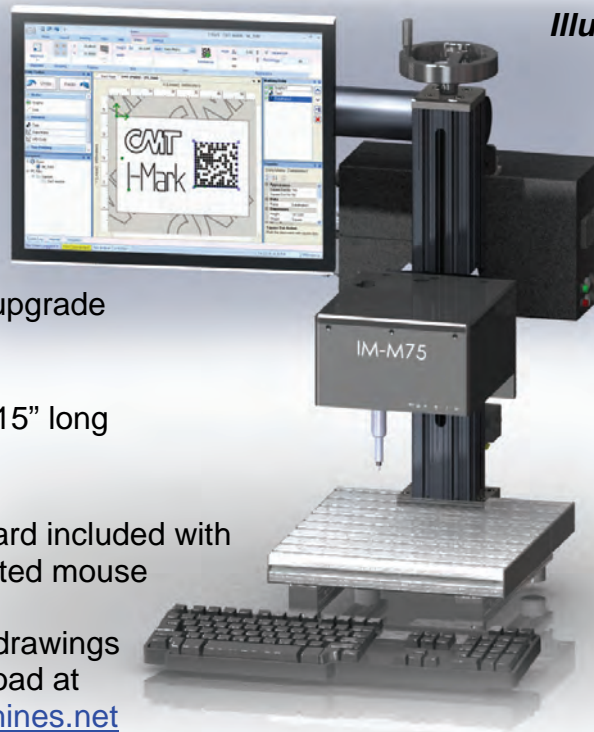
To Order: Select only the symbols that represent the marker feature that is needed. Place that symbol in the sequence as shown.		
Model/Feature	Symbol	Example
Machine Bench Top	IM	IM-M75-T
Marking Windows		
3" x 3" (75 x 75mm)	75	
5" x 5" (125 x 125mm)	125	
8" x 8" (200 x 200mm)	200	
Standard Pin	-	
Fixed Dot	F	
Touch Screen Upgrade	T	
With Rotator	R	-----

### Utilities:

- Electrical components require 110 VAC power, 6 ft (1.8m) electrical cord supplied
- Air powered pin - 1/4 NPT fitting requires connection to air supply
- Pressure/depth control through supplied regulator (30-75 PSI operating range)

### Features:

- Marking Window Selections
  - 3" x 3" (75 x 75mm)
  - 5" x 5" (125 x 125mm)
  - 8" x 8" (200 x 200mm)
- Marking Pin Options
  - Standard pin - Marking speed of 3-4 (1/8", 3mm) characters per second
  - Fixed dot placement for UID code – Marking speed of 1-2 (1/8", 3mm) characters per second
- Monitor and Keyboard with integrated mouse
- 5 ft (1.5m) cable to connect marking head to controller
- Marks materials (up to 45 RC)
- Rotator parameters: Chuck load up to 15 lbs, and max OD up to 6" (150mm)



*Illustration of IM-M series*

Color Monitor:  
17" (430mm)  
Or Touch Screen upgrade

Envelope dimensions:  
28" high x 28" wide x 15" long  
(710 x 710 x 380mm)

Keyboard included with  
integrated mouse

Complete detailed drawings  
available for download at  
[www.marking-machines.net](http://www.marking-machines.net)

Maximum Height:  
10 3/4" (275mm)  
Maximum Inset: 8"  
(200mm)

Marking window:  
3 sizes = Small,  
Medium, and Large

Table Size:  
12" x 14" (300 x 360mm)