

Maxim III

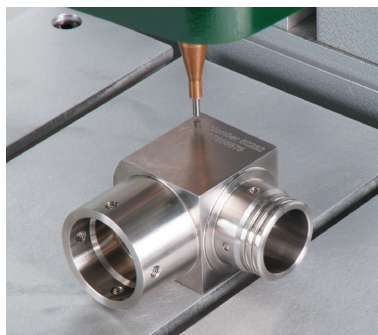
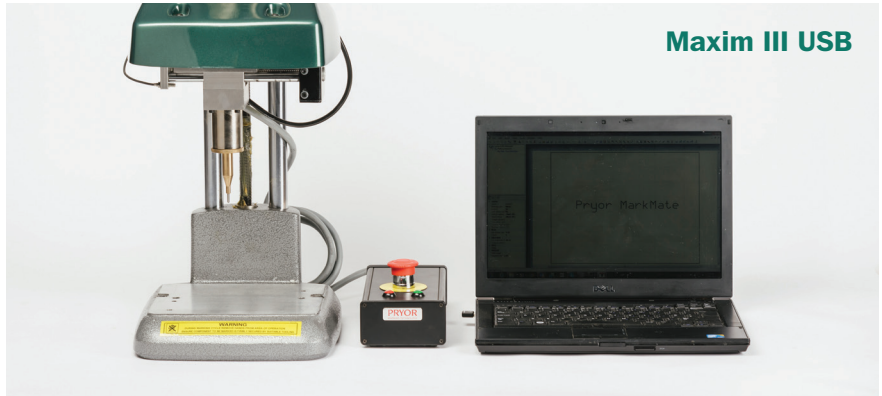
Marking Window
100mm x 75mm

Component heights up to
210mm
400mm

Entry-level marking machine. Suitable for simple, one-off and batch marking applications on most metals.

Standard version with embedded controller; optional connection to PC with software.

Manual height adjustment of marking



STANDARD FEATURES

- LCD controller and compact PS2 keyboard – no PC required
- 100mm x 75mm marking window
- Highly flexible and easy to use
- Quiet, fast, efficient marking
- Virtually maintenance-free
- Electro-mechanical operation – no air required

APPLICATIONS

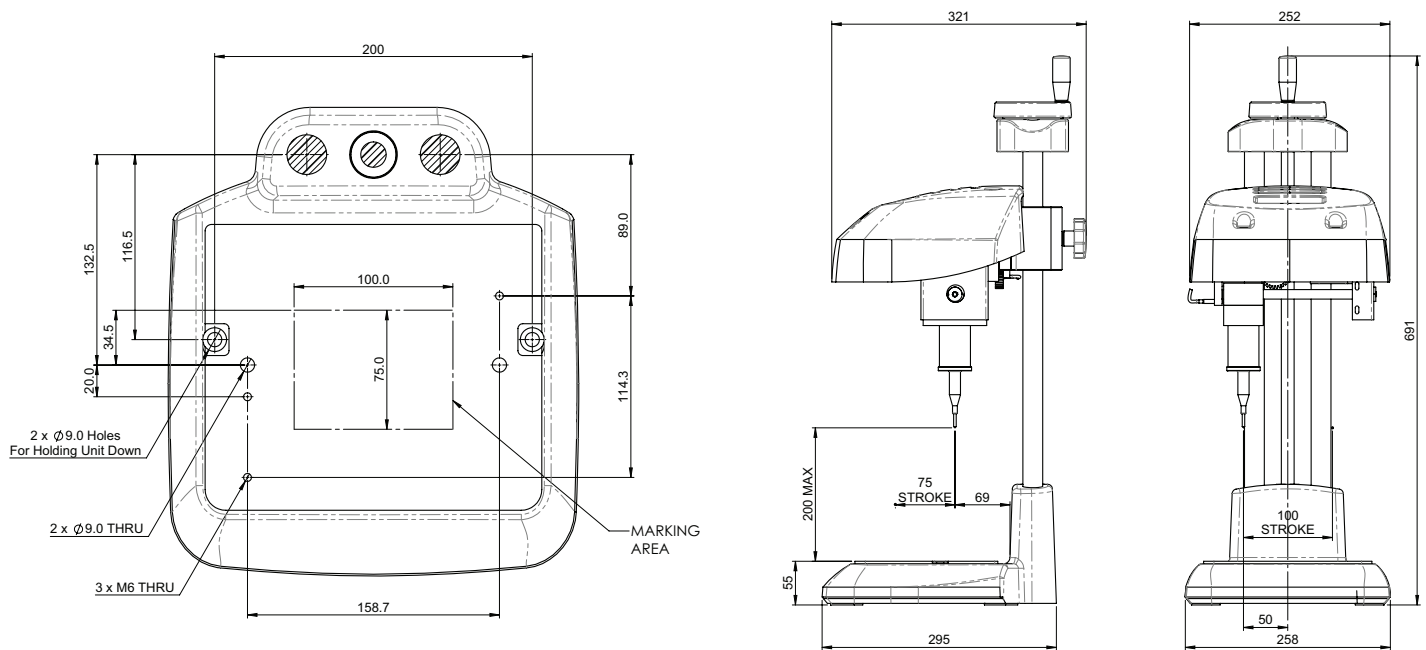
- Batch marking of components
- Serial number plates
- Product IDs
- Logos, company names
- CE & specification marking

OPTIONS

Benefits / Requirements

PC-based software control, USB controller	Drag-and-drop editor, Windows-based software. Note that LCD embedded controller is not supplied with this option. Control is only via PC.
Pneumatic vibro peen	Use of compressed air supply for higher-speed, lower-quality mark. Stylus continuously vibrates, so continuous line marking only. No force control.
Alternate nosepiece/stylus	Wider / shallower tip angle, longer reach versions available
Column extension	410mm max component height instead of standard 200mm

TECHNICAL DATA		<ul style="list-style-type: none"> ● Standard ○ Optional 						
Marking area	100mm x 75mm; 200mm max component height 100mm x 75mm; 410mm max component height	<ul style="list-style-type: none"> ● ○ 						
Dimensions	W: 258mm, H: 691mm, D: 295mm LCD controller – W: 200mm, H: 307mm, D: 417mm USB controller – W: 106mm, H: 92mm, D: 229mm	<ul style="list-style-type: none"> ● ● ○ 						
Weight	Maxim III = 13kg; LCD controller = 7kg Maxim III = 13kg; USB controller = Call for info	<ul style="list-style-type: none"> ● ○ 						
Nosepiece & stylus	50mm long, 4mm diameter, 90° stylus tip, carbide Various alternatives available	<ul style="list-style-type: none"> ● ○ 						
Construction	Aluminium internals and cover	<ul style="list-style-type: none"> ● 						
Operating temperature	0°C - 80°C (32°F – 176°F)	<ul style="list-style-type: none"> ● 						
Supply requirements	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">LCD and USB controllers</td> <td style="width: 50%;">240V 50Hz / 100v 60Hz</td> </tr> <tr> <td>Additional air for Pneumatic</td> <td>6 bar (87psi) non-lubricated, dry</td> </tr> <tr> <td>Additional air for Vibro peen</td> <td>6 bar (87psi) non-lubricated, dry</td> </tr> </table>	LCD and USB controllers	240V 50Hz / 100v 60Hz	Additional air for Pneumatic	6 bar (87psi) non-lubricated, dry	Additional air for Vibro peen	6 bar (87psi) non-lubricated, dry	<ul style="list-style-type: none"> ● ○ ○
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Workpiece hardness	Max. 62 HRC (800HV)	<ul style="list-style-type: none"> ● 						
Marking type	5 x 7, 7 x 9, Varidot, logos,	<ul style="list-style-type: none"> ● 						
Character sizes	0.18mm – 99.9mm in 0.18mm increments	<ul style="list-style-type: none"> ● 						



ACCESSORIES	Description
T-slotted base	For attaching fixtures to the base; extruded aluminium 45mm pitch
Single label fixture	For right angled labels/parts 35-100mm x 20-75mm x 0.5-2.0mm
Magnetic clamp	For flat parts. Area 184mm x 100mm. Holding force 80N/cm ²
Magnetic V-shaped clamp	Cylindrical parts diameters 5-70mm, includes machine base adaptor
Circumferential axis	Marking round circumference, part diameter up to 76mm
Electric label feed	For flat, burr-free labels 25-110mm x 25-75mm x 0.8-3.0mm thick
Barcode reader	RS232 barcode scanner to select program or input marking data