MarkinBOX®

THE MOST PORTABLE MARKER

simple creative and original
The Compact Portable Marker
MB3315S

*Actual size

Available in 5 colors.
Made of impact-resistant polycarbonate finished with a rubber coating.

Portability-focused compact marker.

Marking area of X axis 33mm × Y axis 15mm.

Workpiece Samples

Hardened steel (HRCE6)

A metal cover is provided as an option.
The Mid-Sized Portable Marker

MB8020S

Available in 5 colors

*Actual size
Made of impact-resistant polycarbonate finished with a rubber coating.

Mid-sized marker combining portability with a long horizontal marking area.

Marking area of X axis 80mm × Y axis 20mm.

Tool and post model (option).

Big Solenoid (BSD) for deeper marking is an option.

A metal cover is provided as an option.

Workpiece Samples

Plated mild steel

Round stainless steel
The Largest Sized Portable and Tool Post Marker

MB1010

Available in 5 colors

- Champagne Gold
- Wine Red
- Silver
- Gun Metal
- Black
Larger marking area for more diverse needs.

Marking area of X axis 100mm × Y axis 100mm.

Workpiece Samples

- Small Solenoid (B50) for deeper marking is an option.
- Shutter to keep debris out is standard feature.
- Portable model (option)

Hardened steel (HRC60)

Metal plates
Intuitive easy to use WYSIWYG operation

One-touch icon-based drawing.
- Support for PC fonts.

Automatic conversion of DXF data.
- No tracing is required.

CSV data can be imported.
- Excel and other csv data can be easily marked.

Sense of free drawing on paper and intuitive operation using icons;
PC fonts also can be marked as they are.
*PC fonts are supported only when a PC is connected.

Rectangles, circles, straight lines, ellipses, triangles and other figures can be drawn using shape icons; thus simple markings can be easily created and marked.

Automatic conversion of DXF data is standard included; input data can be automatically converted into MarkinBOX marking data.
* Straight lines, circles, ellipses and polygons are supported; splines and letters are not supported.

CSV marking is included as a standard;
Excel (CSV format) and other databases can be retrieved with one click.
MarkinBOX with easy to use WIFI communication with iOS and Android.

Angle Index.

Markable on the angle face.

File Selection Box.
Files saved in the MB2 controller are selectable for marking.

Hands-free magnet fixture.

Workplace positioning tool.
 Rotary Device

A supporter is provided as an option.

Available with all MarkinBOX series.

MB Chuck Rotary Specifications

<table>
<thead>
<tr>
<th>Chuck specification</th>
<th>Chuck type</th>
<th>Grasping method</th>
<th>Work size</th>
<th>Grasp weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard (φ100)</td>
<td>External/jaw</td>
<td>Inside diameter grasp (piece)</td>
<td>φ25 ~ φ70mm (1” ~ 2.7”)</td>
<td>3kg (6.6lbs) or less</td>
</tr>
<tr>
<td></td>
<td>External/jaw</td>
<td>Outside diameter grasp</td>
<td>φ10 ~ φ25mm (0.4” ~ 0.9”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Internal/jaw</td>
<td>Outside diameter grasp</td>
<td>φ25 ~ φ53mm (0.9” ~ 2.1”)</td>
<td></td>
</tr>
<tr>
<td>Large (option) (φ100)</td>
<td>External/jaw</td>
<td>Inside diameter grasp (piece)</td>
<td>φ30 ~ φ90mm (1.2” ~ 3.5”)</td>
<td></td>
</tr>
</tbody>
</table>
|                     | Internal/jaw | Outside diameter grasp | φ10 ~ φ30mm (0.4” ~ 1.1”)
|                     | Internal/jaw | Outside diameter grasp | φ30 ~ φ60mm (1.2” ~ 3.1”) |

External dimensions / Weight: 100(W) x 196(D) x 218(H) / 4.1kg (9lbs)

Mark well on the circumference surface.

MB S-Rotary Specifications

<table>
<thead>
<tr>
<th>Head model</th>
<th>Workpiece diameter</th>
<th>Continuation digits</th>
<th>Pause time</th>
</tr>
</thead>
<tbody>
<tr>
<td>310S/8020S</td>
<td>φ10 ~ φ180mm (0.4” ~ 7.1”)</td>
<td>1 ~ 5 words</td>
<td>0.5 ~ 5 (sec)</td>
</tr>
</tbody>
</table>
Markinbox Specifications

Markinbox Specification Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Marking area</th>
<th>Head dimensions</th>
<th>Head weight</th>
<th>Tool and post dimensions</th>
<th>Tool and post weight</th>
<th>MB25 Controller dimensions</th>
<th>MB25 Controller weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB3315S</td>
<td>X axis 33mm (1.3&quot;) x Y axis 15mm (0.6&quot;)</td>
<td>116mm (4.5&quot;) x 73mm (2.9&quot;) x 190mm (7.5&quot;)</td>
<td>1.5kg (3.3lbs)</td>
<td>220mm (8.7&quot;) x 300mm (11.8&quot;) x 561,55mm (22.1&quot;)</td>
<td>7kg (15.4lbs)</td>
<td>66mm (2.6&quot;) x 144mm (5.7&quot;) x 217mm (8.5&quot;)</td>
<td>1.4kg (3.1lbs)</td>
</tr>
<tr>
<td>MB8020S</td>
<td>X axis 80mm (3.1&quot;) x Y axis 20mm (0.8&quot;)</td>
<td>173mm (6.8&quot;) x 83mm (3.3&quot;) x 214mm (8.4&quot;)</td>
<td>2.1kg (4.6lbs)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>MB1010</td>
<td>X axis 100mm (4&quot;) x Y axis 100mm (4&quot;)</td>
<td>200mm (7.9&quot;) x 217.5mm (8.6&quot;) x 208mm (8&quot;)</td>
<td>4.5kg (9.9lbs)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Sketchbook Specification Table

<table>
<thead>
<tr>
<th>OS</th>
<th>Windows7, Windows8, Windows10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating environment</td>
<td>Memory 1 GB or more, monitor resolution 1280 x 768 or higher</td>
</tr>
<tr>
<td>Corresponding model</td>
<td>MB3315S, MB8020S, MS1010</td>
</tr>
<tr>
<td>Sottatile character height</td>
<td>0.1 mm or larger (0.1 mm pitch) to maximum Y value</td>
</tr>
<tr>
<td>Sottatile character width</td>
<td>Character height x 10% ~ 200%</td>
</tr>
<tr>
<td>Horizontal character pitch</td>
<td>0.1mm~</td>
</tr>
<tr>
<td>Fonts</td>
<td>Original Markinbox fonts, MB font, Elegant font, 0.5&quot; font</td>
</tr>
<tr>
<td>* Including alphanumerics characters, hiragana, katakana, miscellaneous symbols</td>
<td></td>
</tr>
</tbody>
</table>

Logos
JPEG, BMP data are read and registered on the creation screen
* Straight lines, circles, ellipses, polygons supported

Serial marking
000000001 ~ 999999999

Calendar marking
Year, month, day, hours, minutes, seconds, Julian dates

2D codes
Date matrix, QR code

Number of creation fields
Up to 50 fields

Barcode reader
Automatic marking of data from barcode reader

File communication
Up to 255 files can be sent to the controller

Password functions
Two-level password setting (administrator/user)

Others
Drawing editing functions supported

Note: Specifications can be changed without prior notice for quality improvement.

http://www.markinbox.com
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