MarkinBOX

NEVER TRACKLESS

permanent mark with electric pinmarker

MarkinBOX®

MarkinBOX

Compact Sized Portable Marker

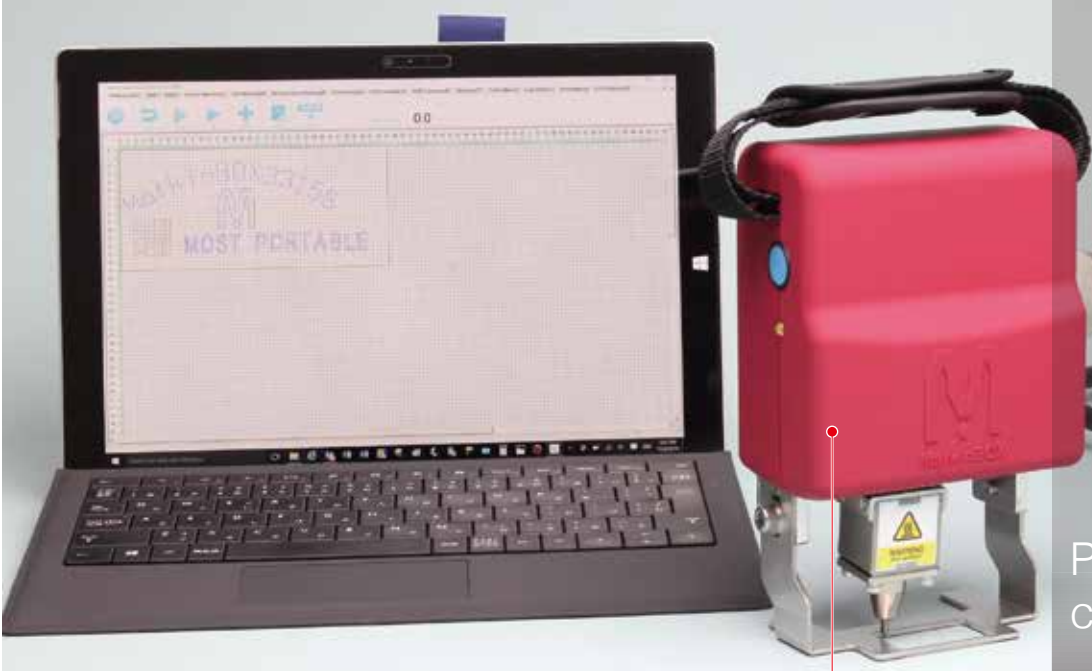
MB3315S

*Actual size

Available in 5 colors.

Wi-Fi

MarkinBOX

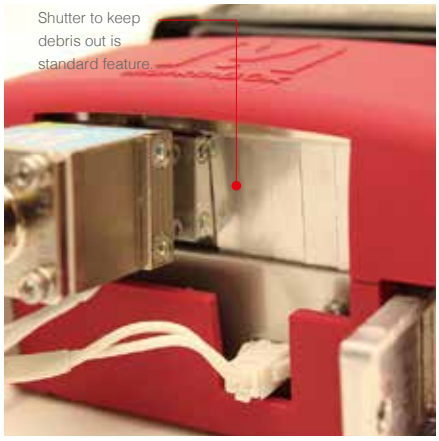


Made of impact-resistant polycarbonate finished with a rubber coating.

Portability-focused compact marker.

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

Easy marking at any place due to the lightweight 1.5 kg (3.3lbs) only.



Shutter to keep debris out is standard feature.

A metal cover is provided as an option.

Workpiece Samples

Hardened steel (HRC62)

Metal casting

MarkinBOX

Middle Sized Portable Marker

MB8020S

*Actual size

Available in 5 colors

Red Silver Blue Green Black

Wi-Fi

MarkinBOX

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

MarkinBOX

Larger Sized Tool Post Marker

MB1010

Available in 5 colors

Champagne Gold | Wine Red | Silver | Gun Metal | Black

Wi-Fi

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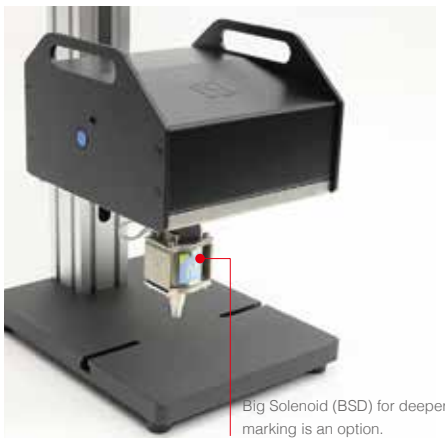
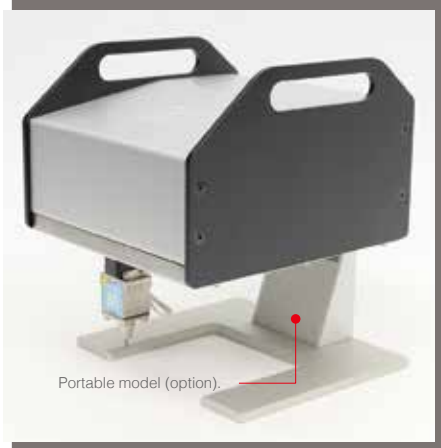
Larger marking area more diverse needs.

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



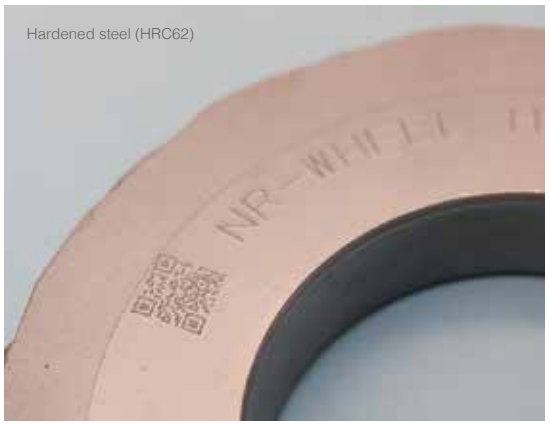
Big Solenoid (BSD) for deeper marking is an option.

Shutter to keep debris out is standard feature.



Portable model (option).

Workpiece Samples



Hardened steel (HRC62)

Metal plates

MarkinBOX

Greater Sized Tool Post Marker

MB2015

Available in 5 colors

Champagne Gold | Wine Red | Silver | Gun Metal | Black

Wi-Fi

MarkinBOX

The largest model in MarkinBOX series.

Marking area of
X axis 200mm × Y axis 150mm.

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

Shutter to keep debris out is standard feature.

Portable model (option)
Total weight 8.5kg (18.7lbs)

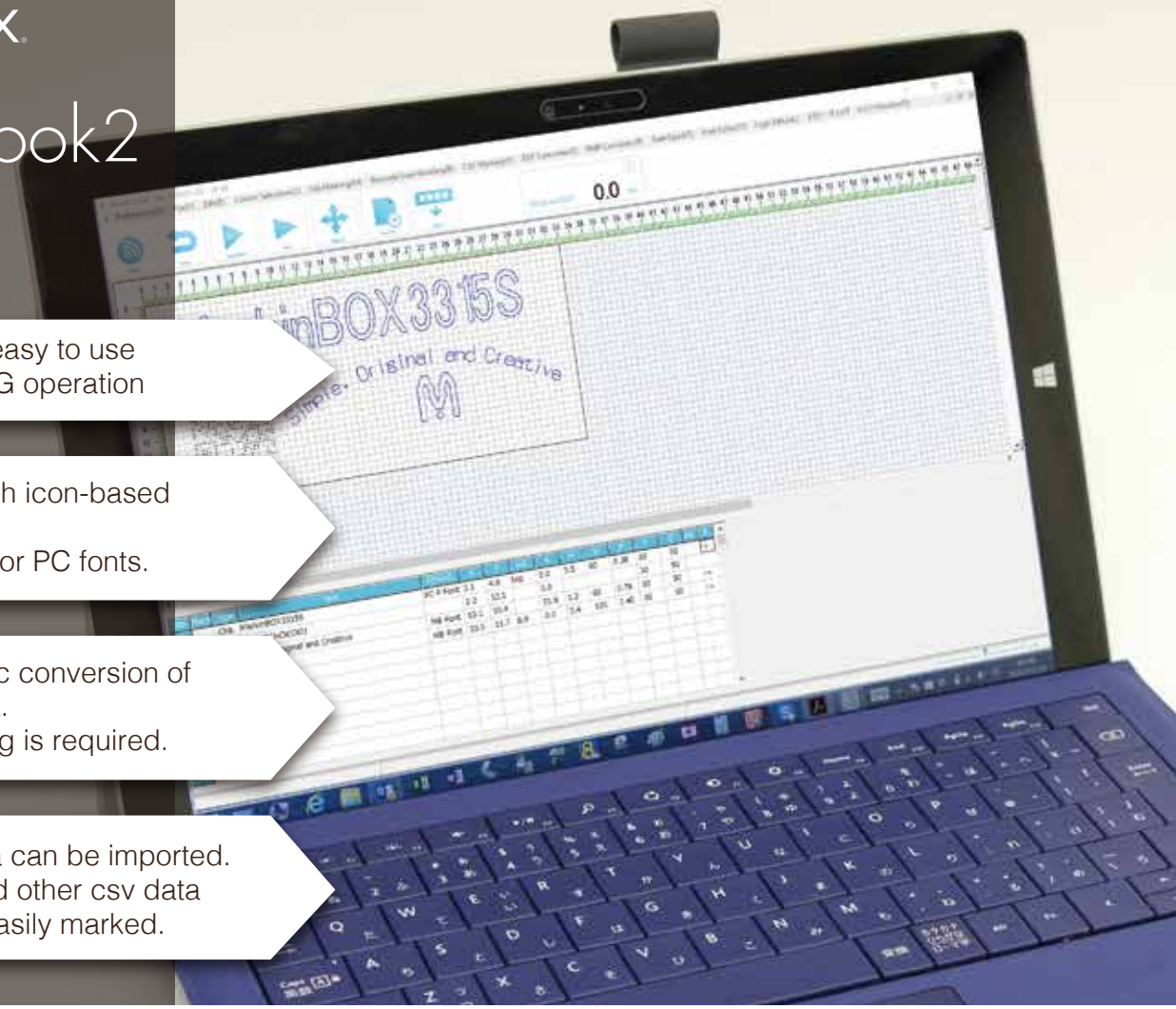
Workpiece Samples

Arc marking on the cover of drum can

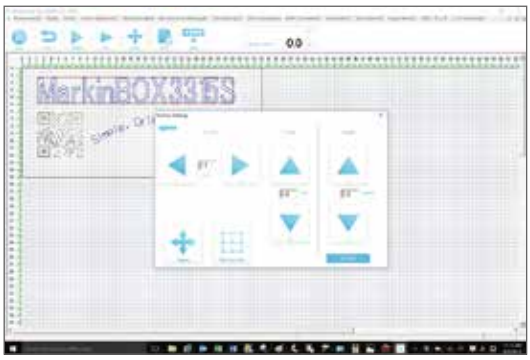
Longitudinal marking

MarkinBOX

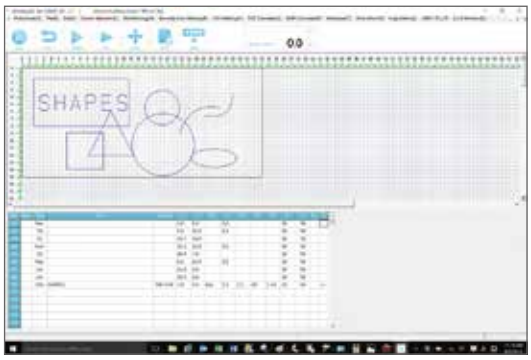
sketchbook2
Software



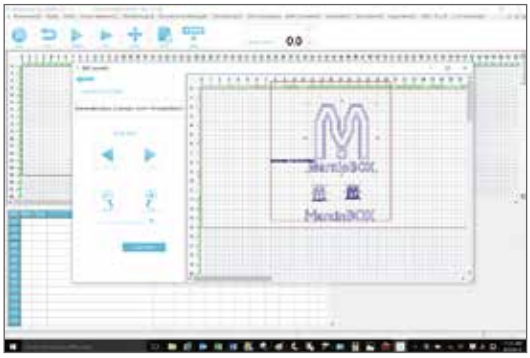
- Intuitive easy to use WYSIWYG operation
- One-touch icon-based drawing.
  Support for PC fonts.
- Automatic conversion of DXF data.
  No tracing is required.
- CSV data can be imported.
  Excel and other csv data can be easily marked.



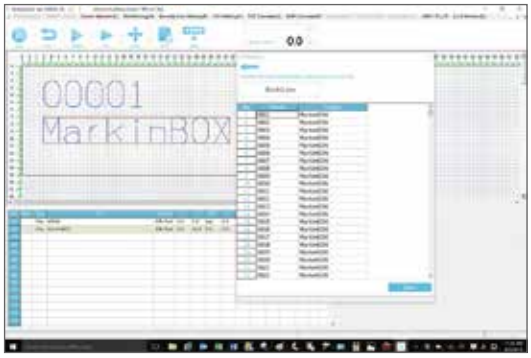
Sense of free drawing on paper and intuitive operation using icons; PC fonts also can be marked as they are.
*PC fonts are supported only when a PC is connected.



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



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; splinesand letters are not supported.



CSV marking is included as a standard;
Excel (CSV format) and other databases can be retrieved with one click.

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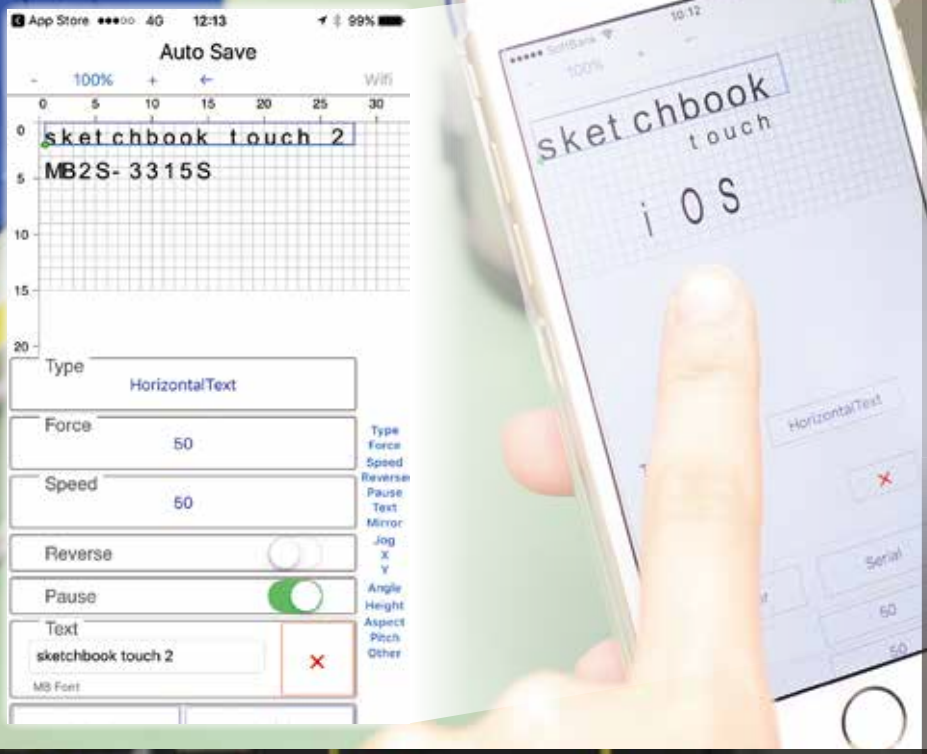
Accessories

MarkinBOX with easy to use WIFI communication



Download on the App Store

*There is a uncomfortable WIFI communication case depend on the using environment.

Operation with ease iPhone, iPad and Android

ANDROID APP ON Google play

*There is a uncomfortable WIFI communication case depend on the using environment.

MarkinBOX

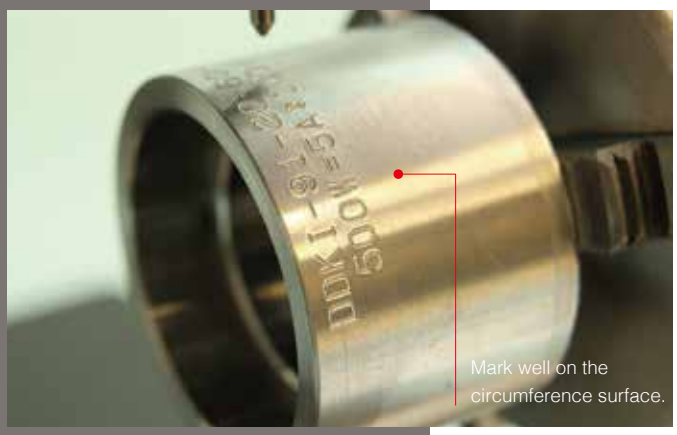
Rotary Device

Auto rotation
MB Chuck Rotary

A supporter is provided as an option.

Available with all MarkinBOX series.

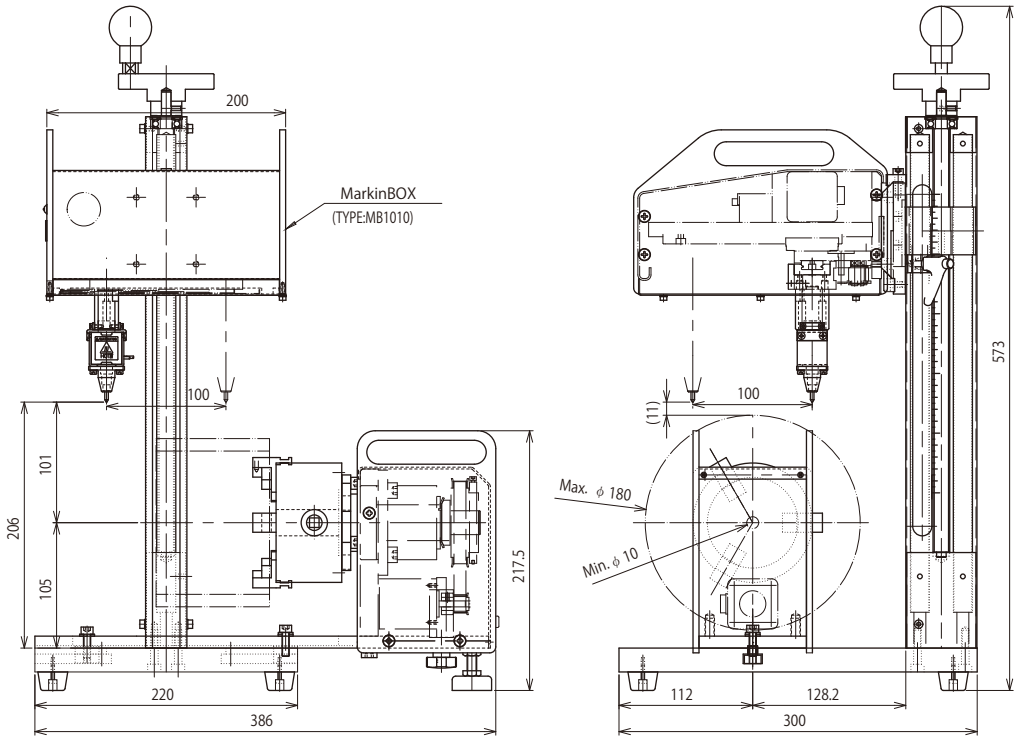
MB Chuck Rotary



Mark well on the circumference surface.

MB Chuck Rotary Specifications				
Chuck specification	Chuck type	Grasping method	Work size	Grasp weight
Standard (ϕ80)	External jaws	Inside diameter grasp (pipe)	ϕ25～ϕ70mm (1" ～ 2.7")	Approx. 6kg (13.2lbs)
		Outside diameter grasp	ϕ10 ～ ϕ25mm (0.4" ～ 0.9")	
	Internal jaws	Outside diameter grasp	ϕ22 ～ ϕ63mm (0.9" ～ 2.4")	
Large (option) (ϕ100)	External jaws	Inside diameter grasp (pipe)	ϕ30 ～ ϕ90mm (1.2" ～ 3.5")	
		Outside diameter grasp	ϕ10 ～ ϕ30mm (0.4" ～ 1.1")	
	Internal jaws	Outside diameter grasp	ϕ30 ～ ϕ80mm (1.2" ～ 3.1")	
External dimensions / Weight	100(W)×196(D)×218(H) ／ 4.1kg (9lbs)			

MB Chuck Rotary Overview



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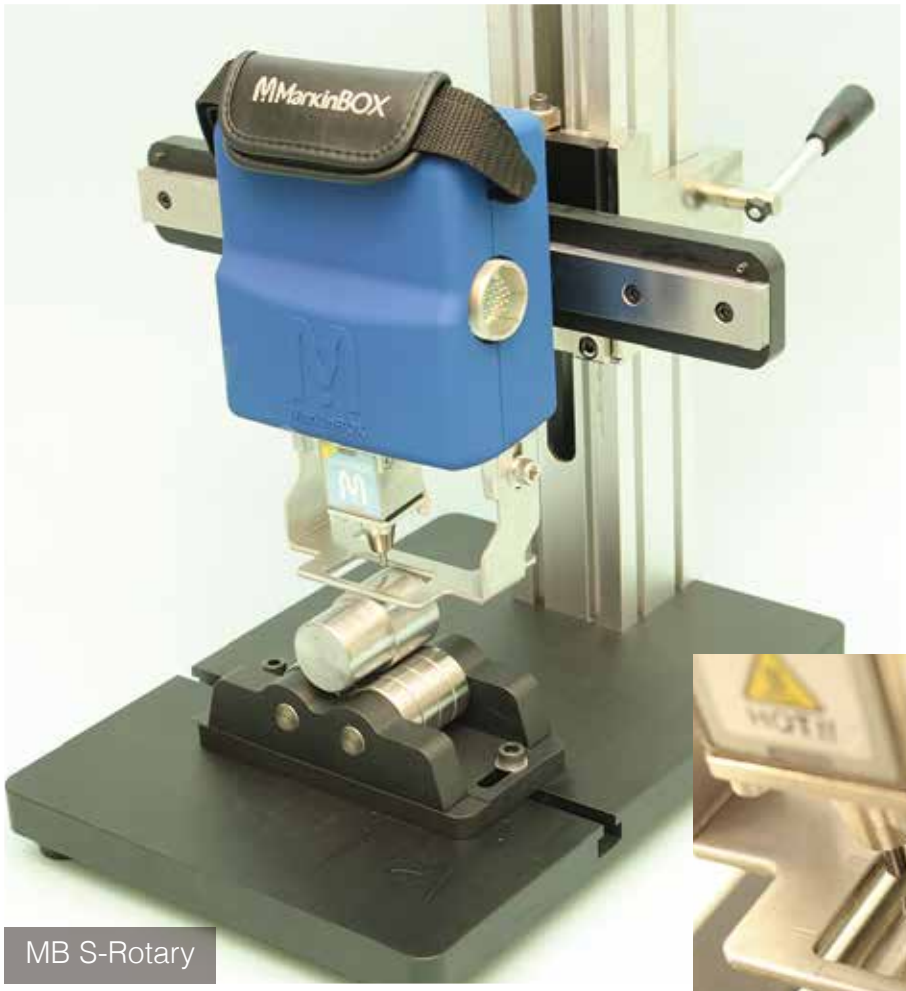
Rotary Device

Manual rotation
S-Rotary

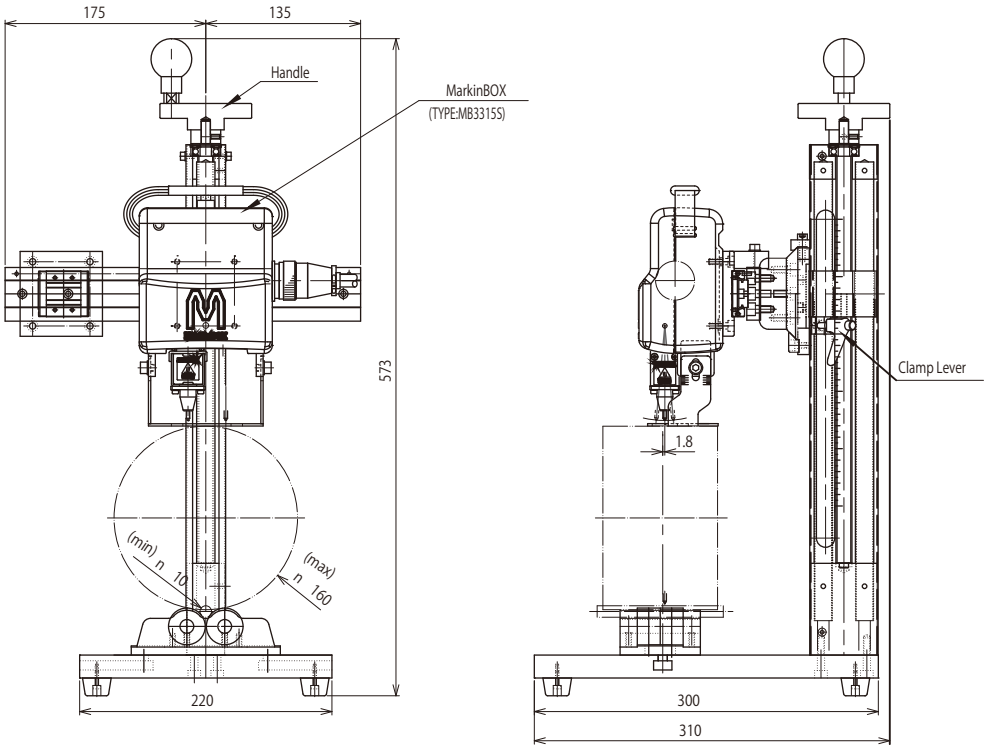


MB S-Rotary

Suit for small-lot production of rotary marking.
Place the round parts then rotate it well done.

MB S-Rotary Specifications			
Head model	Workpiece diameter	Continuance digits	Pause time
3315S / 8020S	ϕ10 ～ ϕ160mm (0.4" ～ 6.2")	1 ～ 5 words	0.5 ～ 5 (sec)

MB S-Rotary Overview



MarkinBOX

Accessories

External Touch Panel Monitor.

Show current marked text and retrieve / save a file.

File Selection Box.

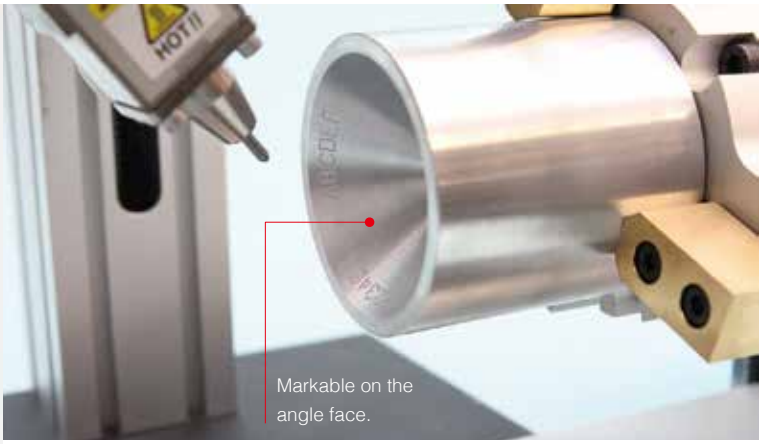
Files saved in the MB2S controller are selectable for marking.

Hands-free Pocket

Hands-free Magnet

Start marking by foot switch.

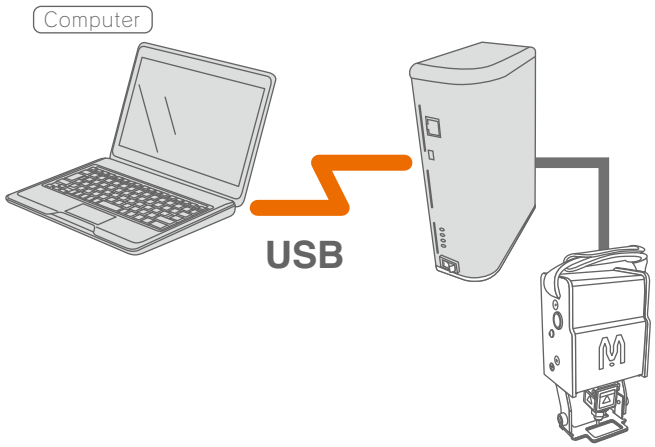
Angle Index.



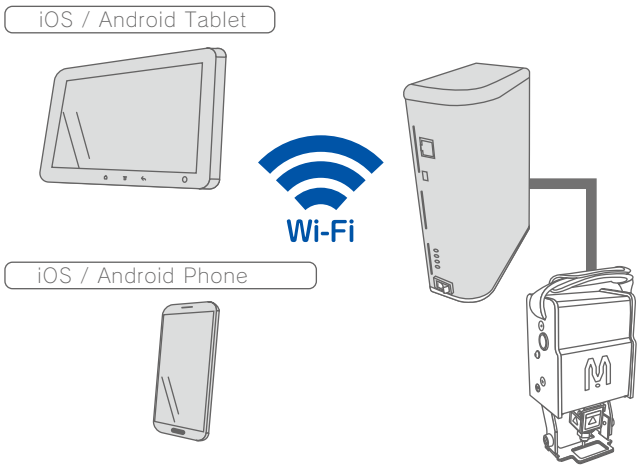
Markable on the angle face.

Workpiece positioning tool.

① USB communication

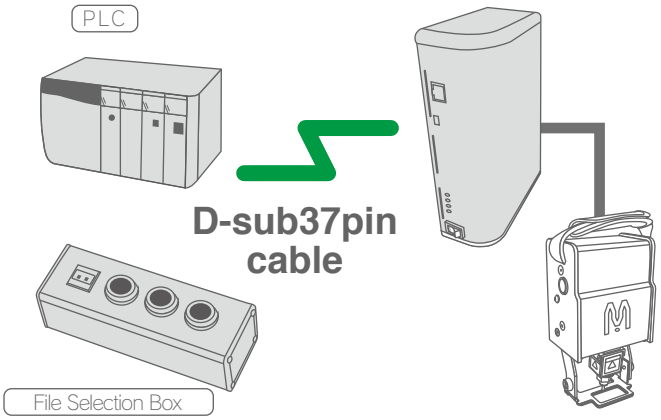


② Hand held device communication



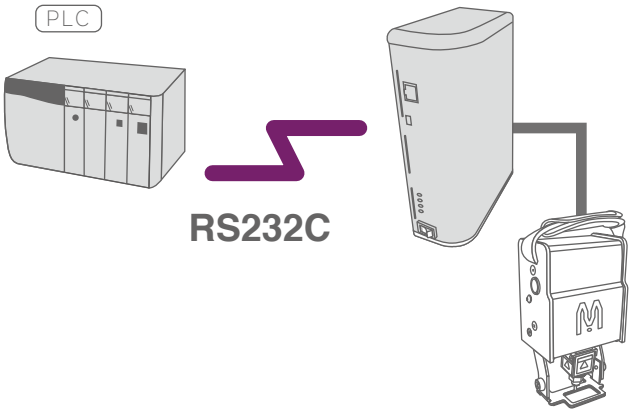
*Apps "sketchbook touch" is necessary for iOS or Android device and is available to download.

③ D.I/O communication



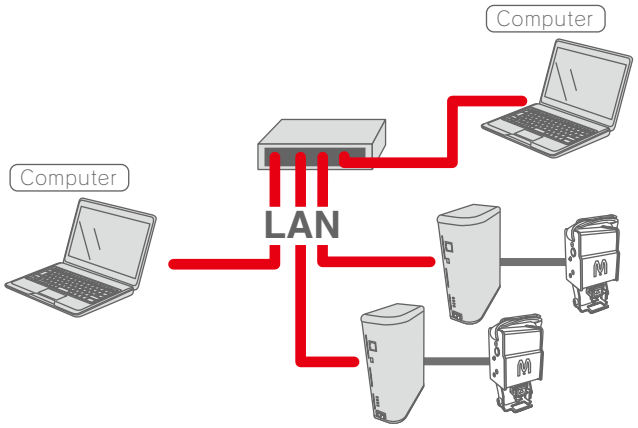
*Files saved in the MB2S controller are selectable for marking.

④ PLC communication

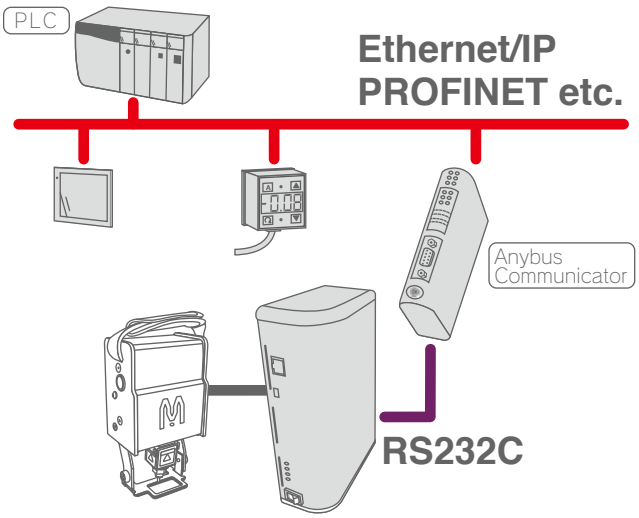


*The special program in PLC is necessary for this communication.

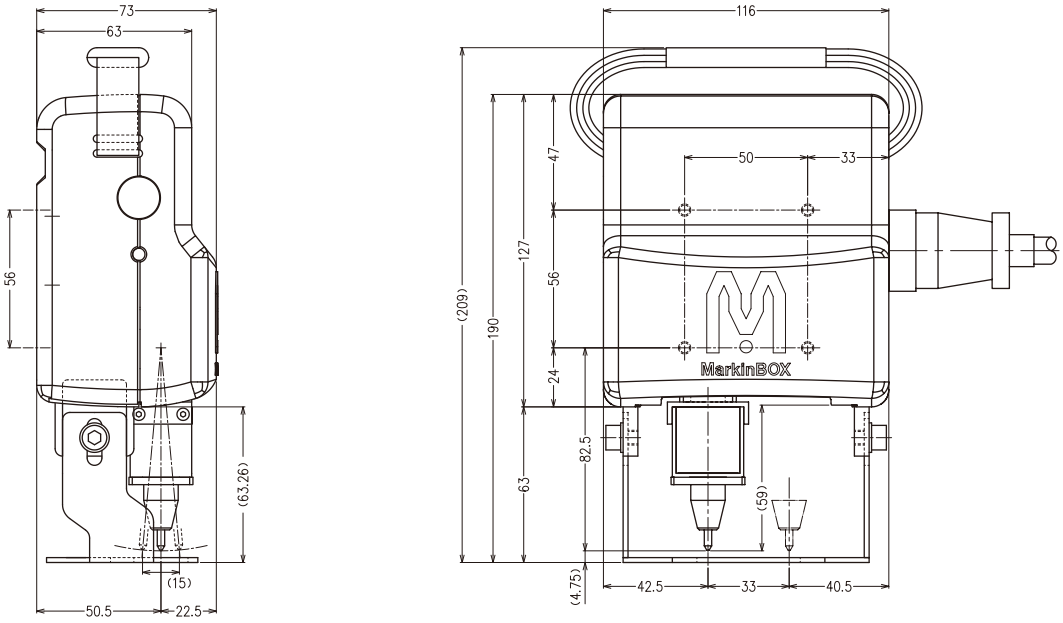
⑤ Network communication



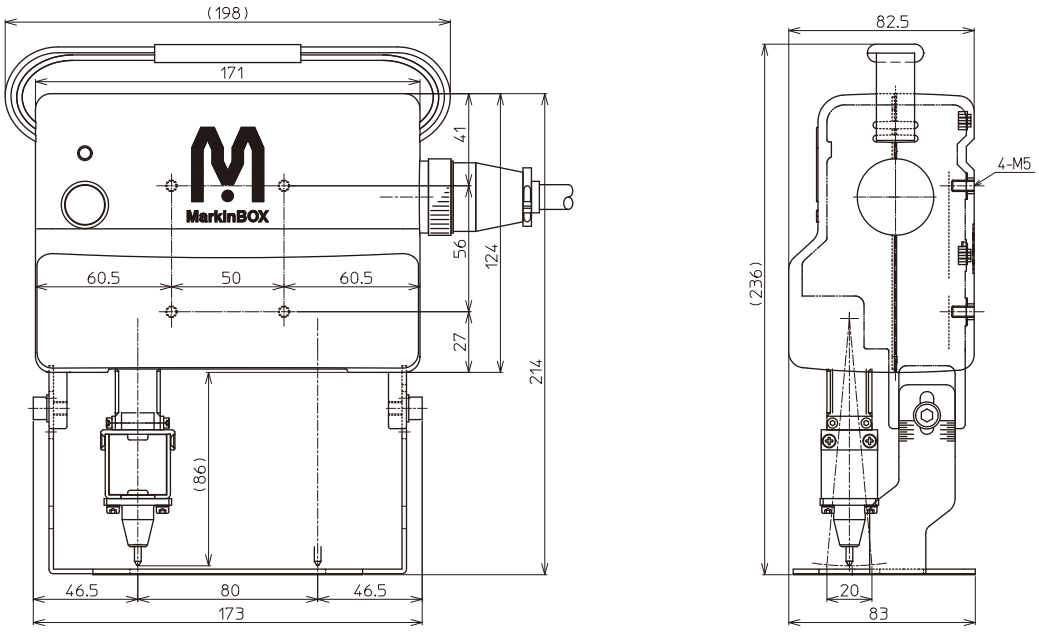
⑥ Fieldbus Communication



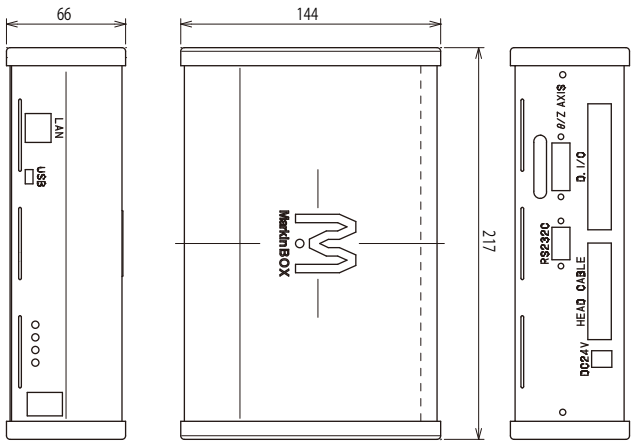
MB 3315S Overview



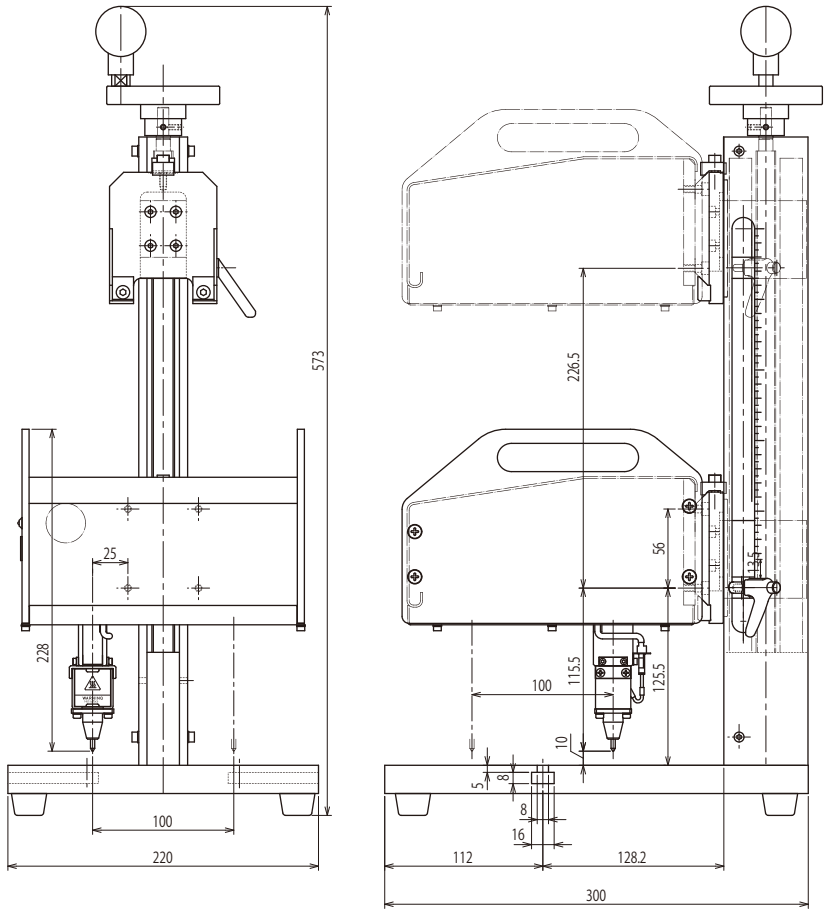
MB 8020S Overview



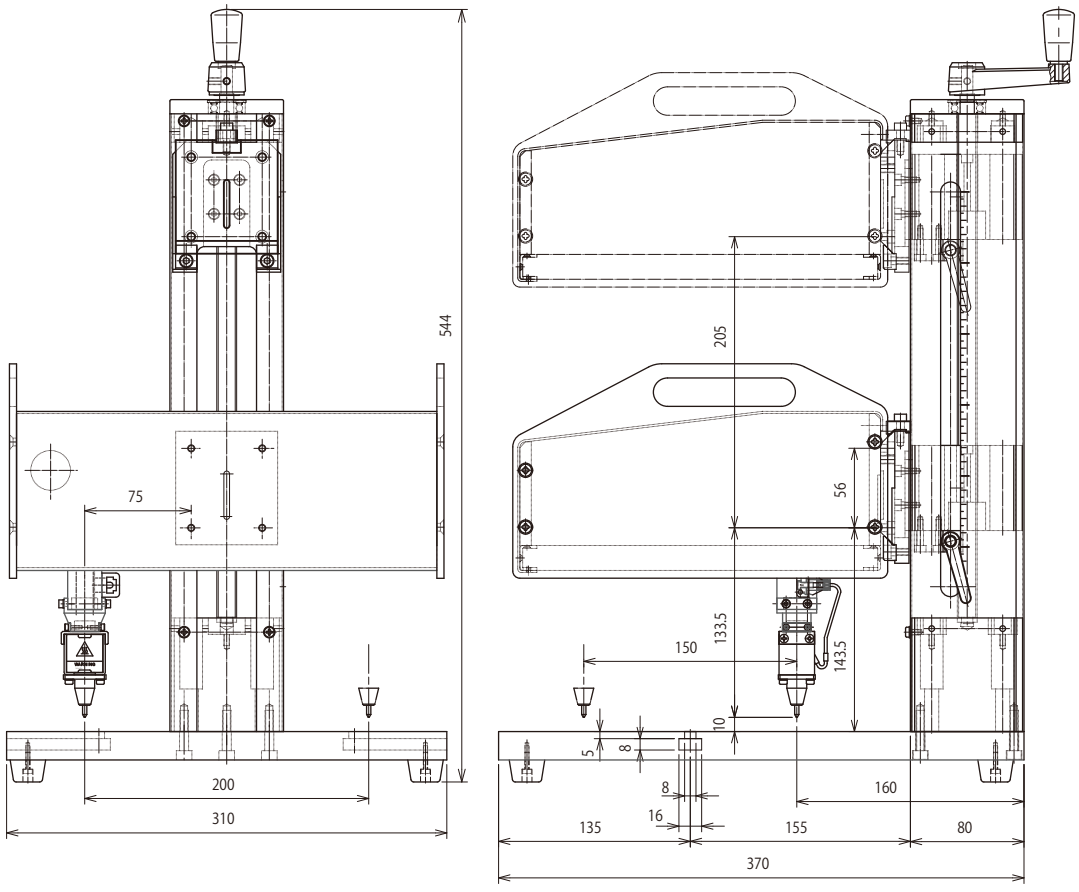
MB2S Controller Overview



MB 1010 Overview



MB 2015 Overview



MarkinBOX

Specifications

MarkinBOX Specification table

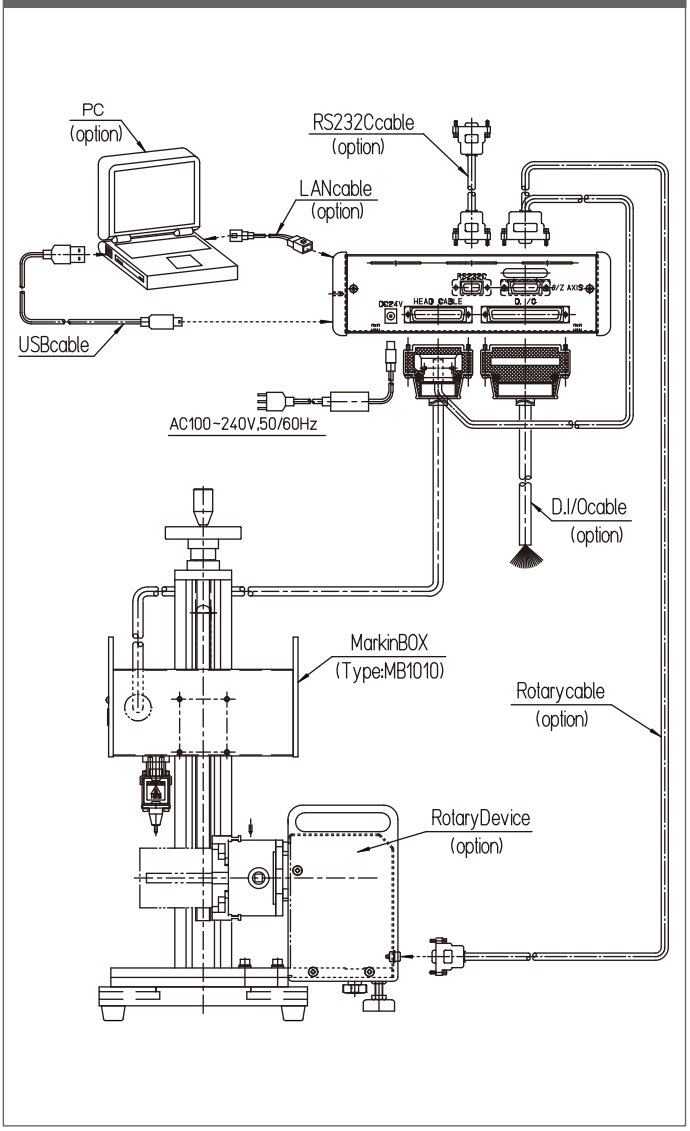
	MB3315S	MB8020S	MB1010	MB2015
Marking area	X axis 33mm (1.3") x Y axis 15mm (0.6")	X axis 80mm (3.1") x Y axis 20mm (0.8")	X axis 100mm (4") x Y axis 100mm (4")	X axis 200mm (8") x Y axis 150mm (6")
Standard cable length	3M (10')	3M (10')	2M (6')	2M (6')
Head dimensions	116mm (4.6") x 73mm (2.9") x 190mm (7.5")	173mm (6.8") x 83mm (3.3") x 214mm (8.4")	200mm (7.9") x 217.5mm (8.6") x 228mm (9")	308mm (12") x 269mm (10.6") x 249mm (9.8")
Head weight	1.5kg (3.3lbs)	2.1kg (4.6lbs)	4.5kg (9.9lbs)	6.3kg (13.9lbs)
Tool and post dimensions	220mm (8.7") x 300mm (11.8") x 573mm (22.6")			310mm (12.2") x 370mm (14.6") x 544mm (21.4")
Tool and post weight	7kg (15.4lbs)			10.7kg (23.6lbs)

	MB2S Controller
Power	AC100V ~ 240V 50/60Hz
Dimensions	66mm (2.6") x 144mm (5.7") x 217mm (8.5")
Weight	1.4kg (3.1lbs)
Connectivity	USB / RS232C / LAN / WIFI
D.I/O	input 12 pins / output 8 pins
	Save up to 255 files

sketchbook2 Specification table

OS	Windows 7 or higher
Operating environment	Memory 1 GB or more, monitor resolution 1280 x 768 or higher
Corresponding model	MB3315S, MB8020S, MB1010, MB2015
Settable character height	0.1 mm or larger (0.1 mm pitch) to maximum Y value
Settable character width	Character height x 1% ~ 200%
Horizontal character pitch	0.1mm~
Fonts	[Original MarkinBOX fonts] MB font, Elegant font, 5x7 font * Including alphanumeric characters, hiragana, katakana, miscellaneous symbols
	[PC fonts] * PC fonts are valid only when a PC is always on
Logos	JPEG, BMP data are read and registered on the creation screen
	Automatic conversion of DXF data
	* Straight lines, circles, ellipses, polygons supported
Serial marking	00000001 ~ 99999999
Calendar marking	Year, month, day, hours, minutes, seconds, Julian dates
2D codes	Data 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

MB1010 Example connection



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

http://www.markinbox.com

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