MarkinBOX®

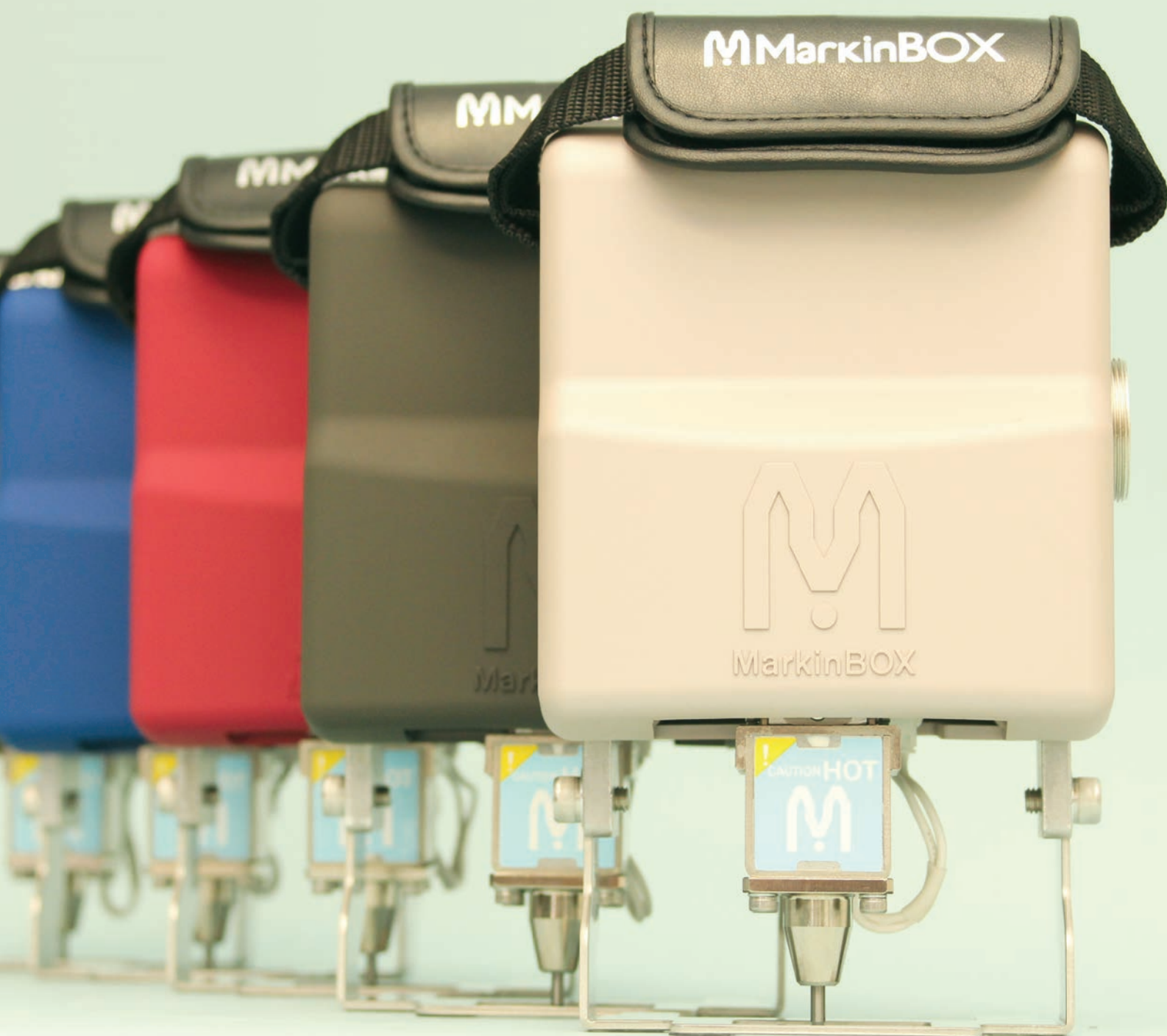## THE MOST PORTABLE MARKER
simple creative and original

The Compact
Portable Marker

MB3315S

*Actual size

Available in 5 colors.

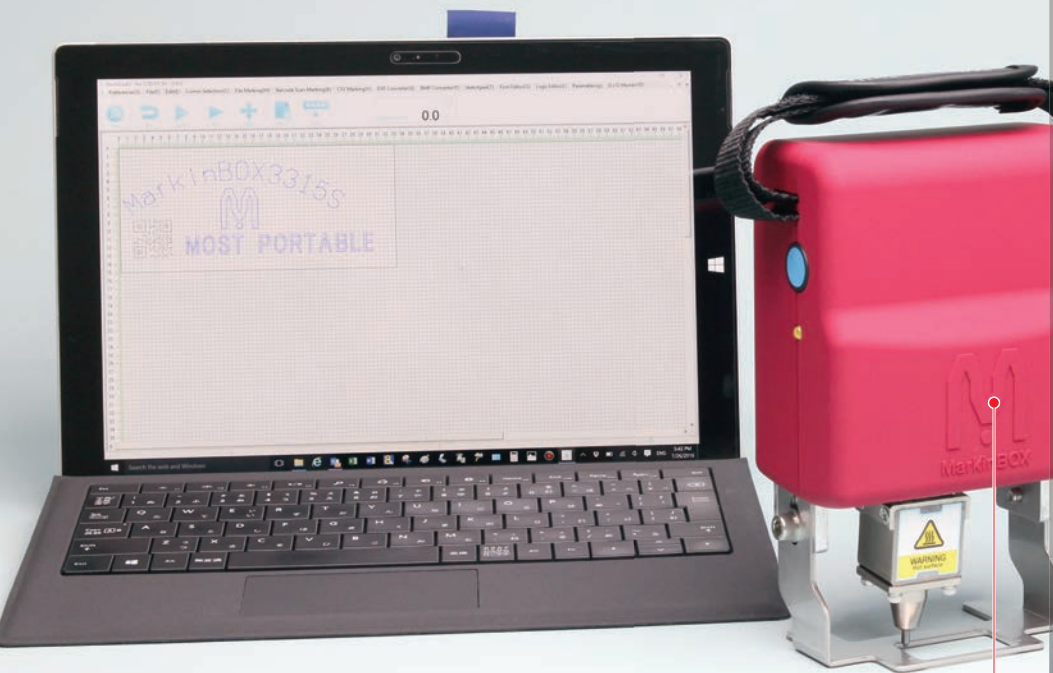| Red	Silver	Blue	Green	Black

MMarkinBOX®

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 (HRC60)

TY1678

Metal casting

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![MarkinBOX]

F16076

⚠ WARNING
Hot surface

The Mid-Sized Portable Marker

MB8020S

*Actual size

Available in **5** colors

Red	Silver	Blue	Green	Black

MarkinBOX

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

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

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

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

WARNING
Hot surface

The Largest Sized
Portable and Tool
Post Marker

MB1010

Available in 5 colors

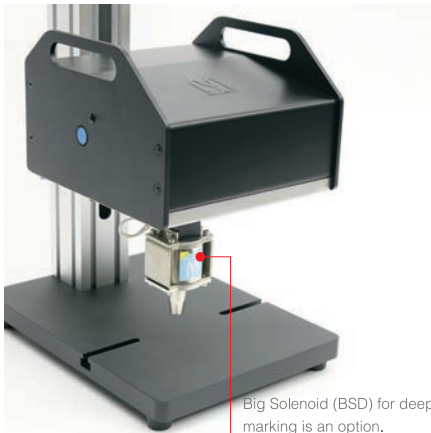| Champagne Gold | Wine Red | Silver | Gun Metal | Black |

MarkinBOX®

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

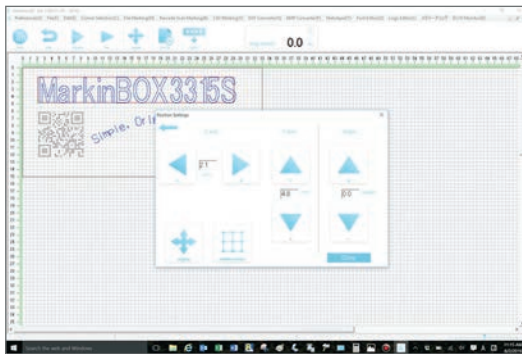Hardened steel (HRC60)

Metal plates

sketchbook2
Software

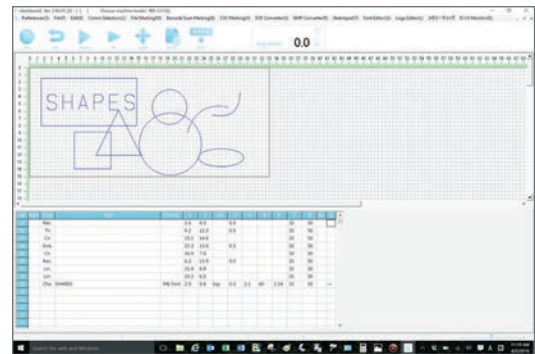**! Intuitive easy to use WYSIWYG operation**

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

! Automatic conversion of DXF data.
● No tracing is required.

! CSV data can be imported.
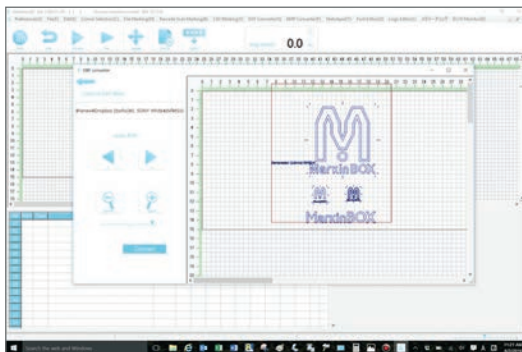**Excel and other csv data**
● can be easily marked.

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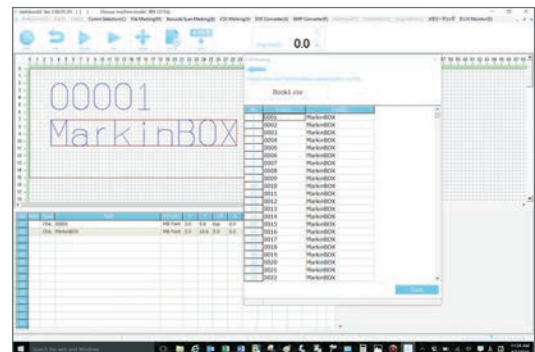*PC fonts are supported only when a PC is connected.

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;
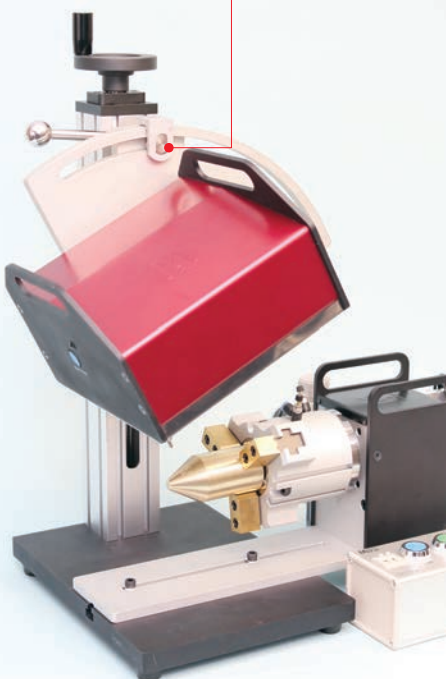Excel (CSV format) and other databases can be retrieved with one click.

MarkinBOX®

Accessories

MarkinBOX with easy to use WIFI communication with iOS and Android

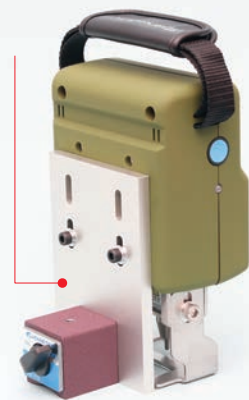ANDROID APP ON Google play

Available on the App Store

Angle Index.
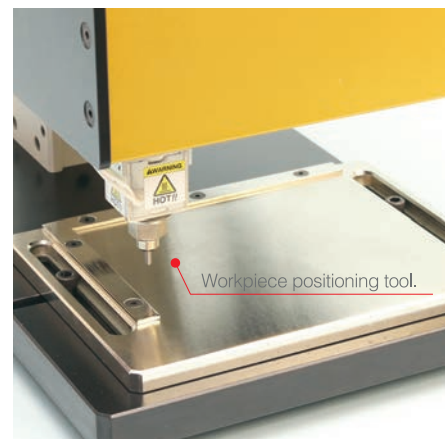
Markable on the angle face.

Hands-free magnet fixture.

File Selection Box.

Files saved in the MB2 controller are selectable for marking.
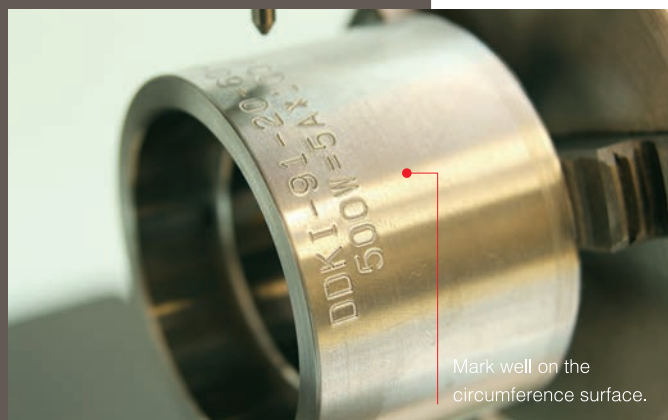
Workpiece positioning tool.

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MarkinBOX®

Rotary Device

A supporter is provided as an option.
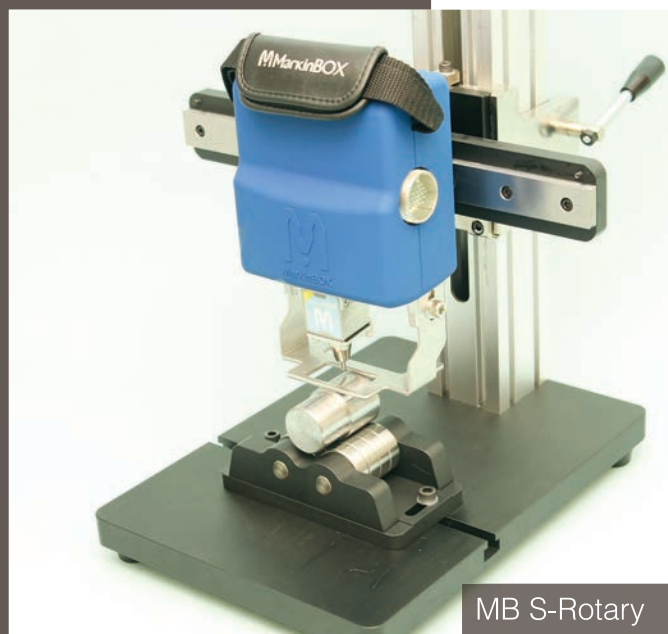
Available with all MarkinBOX series.

MB Chuck Rotary

Mark well on the circumference surface.

DDKI-91-20S
500W=5A×

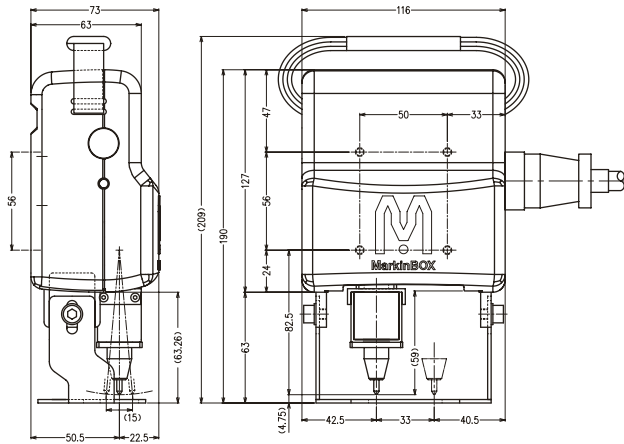| MB Chuck Rotary Specifications				
Chuck specification	Chuck type	Grasping method	Work size	Grasp weight
Standard (φ80)	External jaws	Inside diameter grasp (pipe)	φ25～φ70mm (1" ～ 2.7")	3kg (6.5lbs) or less
		Outside diameter grasp	φ10 ～ φ25mm (0.4" ～ 0.9")	
	Internal jaws	Outside diameter grasp	φ22 ～ 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)		

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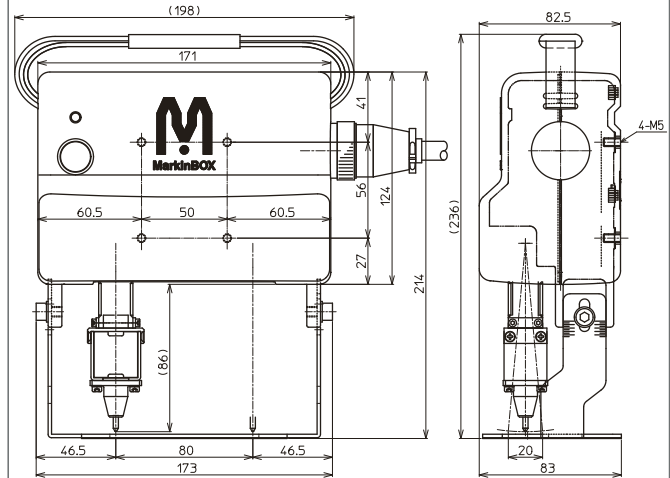Place the round parts then rotate it well done.

MB S-Rotary

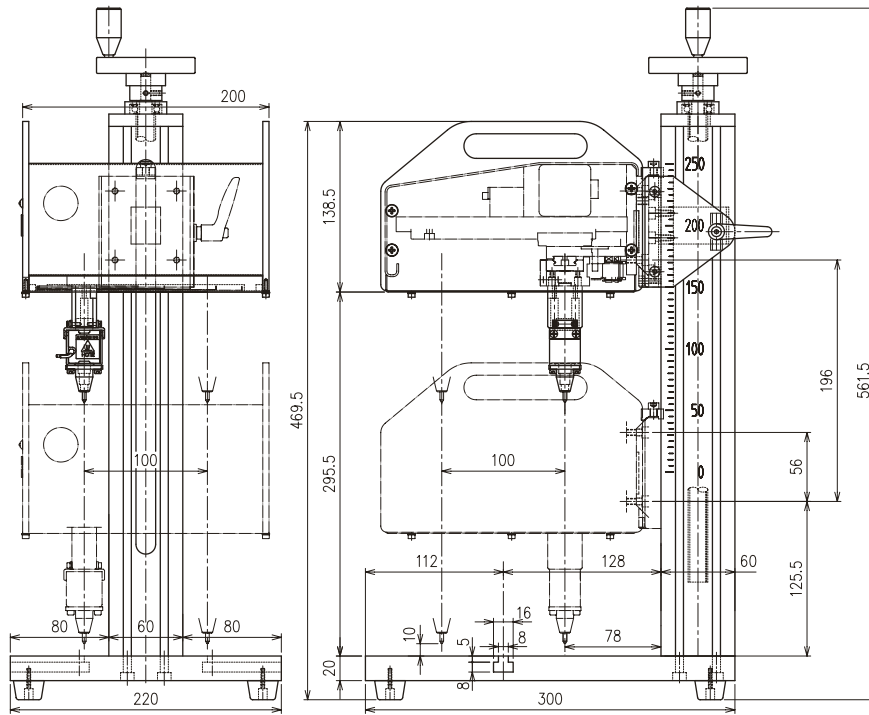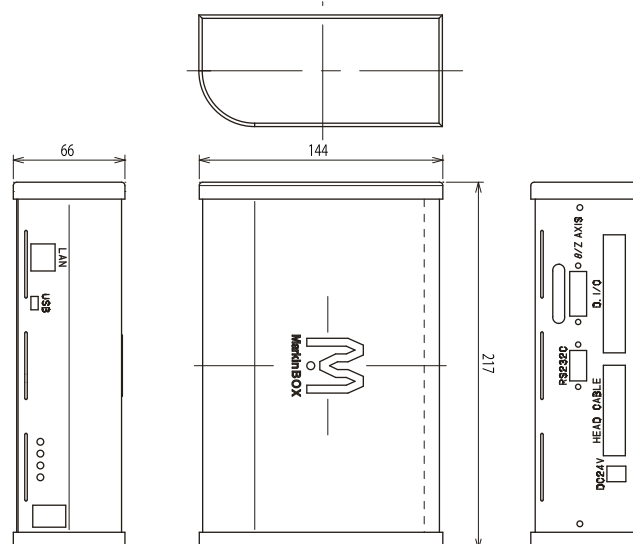| MB S-Rotary Specifications			
Head model	Workpiece diameter	Continuance digits	Pause time
3315S / 8020S	φ10 ～ φ160mm (0.4" ～ 6.2")	1 ～ 5 words	0.5 ～ 5 (sec)

MB 3315S Overview

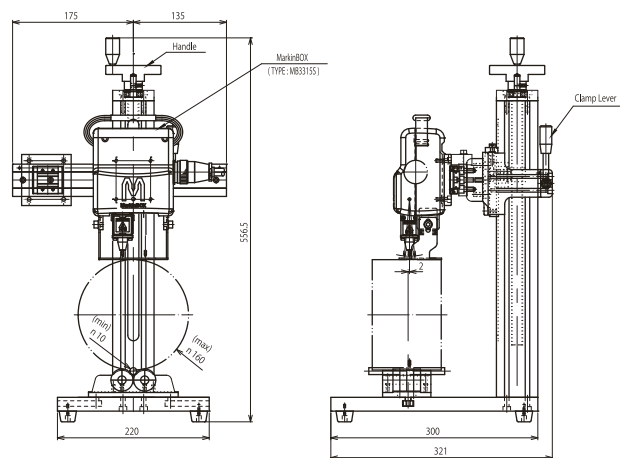## MB 8020S Overview
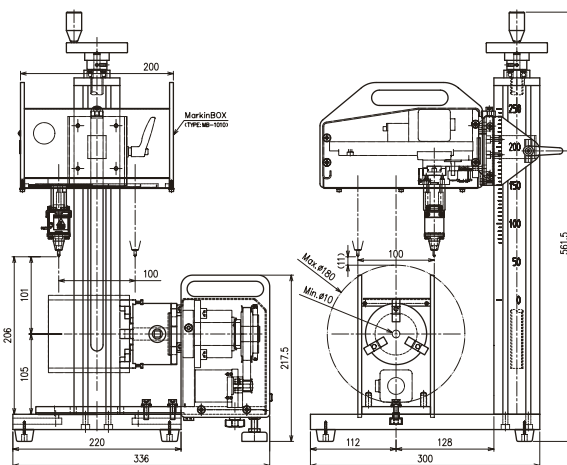
MB 1010 Overview

MB2S Controller Overview

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Specifications

S-Rotary Overview

MB Chuck Rotary Overview

MarkinBOX Specification table

	MB3315S	MB8020S	MB1010
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")
Standard cable length	3M (10')	3M (10')	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")
Head weight	1.5kg (3.3lbs)	2.1kg (4.6lbs)	4.5kg (9.9lbs)
Tool and post dimensions	220mm (8.7") x 300mm (11.8") x 561.5mm (22.1")		
Tool and post weight	7kg (15.4lbs)		
MB2S Controller dimensions	66mm (2.6") x 144mm (5.7") x 217mm (8.5")		
MB2S Controller weight	1.4kg (3.1lbs)		

sketchbook2 Specification table

OS	Windows7, Windows8, Windows10	Logos	JPEG, BMP data are read and registered on the creation screen
Operating environment	Memory 1 GB or more, monitor resolution 1280 x 768 or higher		Automatic conversion of DFX data
Corresponding model	MB3315S, MB8020S, MB1010		* Straight lines, circles, ellipses, polygons supported
Settable character height	0.1 mm or larger (0.1 mm pitch) to maximum Y value	Serial marking	00000001 ~ 999999999
Settable character width	Character height x 10% ~ 200%	Calendar marking	Year, month, day, hours, minutes, seconds, Julian dates
Horizontal character pitch	0.1mm~	2D codes	Date matrix, QR code
Fonts	[Original MarkinBOX fonts] MB font, Elegant font, 5x7 font * Including alphanumeric characters, hiragana, katakana, miscellaneous symbols	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
	[PC fonts] * PC fonts are valid only when a PC is always on	Password functions	Two-level password setting (administrator/user)
		Others	Drawing editing functions supported

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