

MarkinBOX

# MB 8020

## DOT PIN MARKER



The World's Most Compact

# MB 8020

## Versatile Part-Marking Solution

The mid-sized MB 8020 marker has a marking area of 3.15 inch (80mm) by 0.78 inch (20mm) that give high quality marks including serial numbers, logos, date/time stamps, Data Matrix or QR Codes. Versatile and functional, MB 8020 is well-suited for use in aerospace, automotive, mechanical, oil, gas and many more applications. *The brain of the MarkinBOX pin markers is the MB2 controller, incorporating input from sketchbook software.*

## Key Features



Here is MB 8020 with Windows PC\* and MB2 controller

\* other option: Android devices

### Fully Electric



Runs safely and efficiently with maximum uptime and little maintenance

### Equipped with dustproof shutter



### Windows Based Software

sketchbook software is able to run with Windows XP, 7 and 8

### Small, Easy to Use

Lightweight and portable, it fits in the palm of your hand



### Wide Choice of Connectivity

6 possible ways to start marking via USB, Bluetooth (PC or Android), Digital I/O, PLC or Ethernet communications

### High Quality Mark

Guaranteed high quality marks just over 3 inches (80mm)

### Flexible Integration

Can be hand held, mounted or integrated into production

## Available Accessories



■ Rotary for marking round parts with a range of diameters (3" or 5")



■ Stand Mount



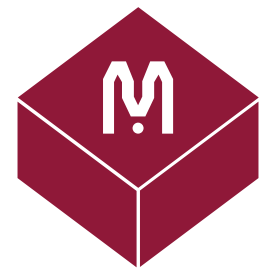
■ Fixture Devices



■ File Selection Box

## Marking Samples



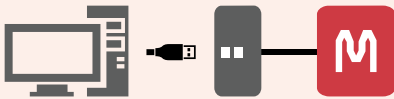


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### Connectivity

#### USB Communication



#### Android Communication



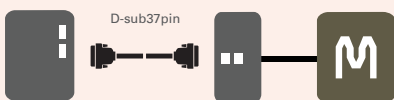
#### PLC Communication



#### Bluetooth Communication



#### D.I/O Communication



#### Network Communication



### sketchbook Software

The sketchbook software is intuitive for every user, with WYSIWYG drag and drop features, built-in logo software, CSV file marking, DXF file conversion, error log and many other features.



#### Android devices



### Color options



Champagne Gold



Wine Red



Gun Metal



Silver



Dark Gold



Black

# SPECIFICATIONS - MB 8020



## Marking Head, Marking Stand

Marking Area	X axis 3.1" (80mm) Y axis 0.8" (20mm)
Marking Head Dimensions	6.6" (W) x 3.1" (D) x 8.4" (H) (168mm x 79.5mm x 213mm)
Marking Head Weight	4.6lbs ( 2.1Kg)
Marking Head Cable	10' (3m) cable option : 16' (5m) cable
Marking Stand Weight	15.4lbs ( 7Kg)
Marking Technology	Solenoid Drive

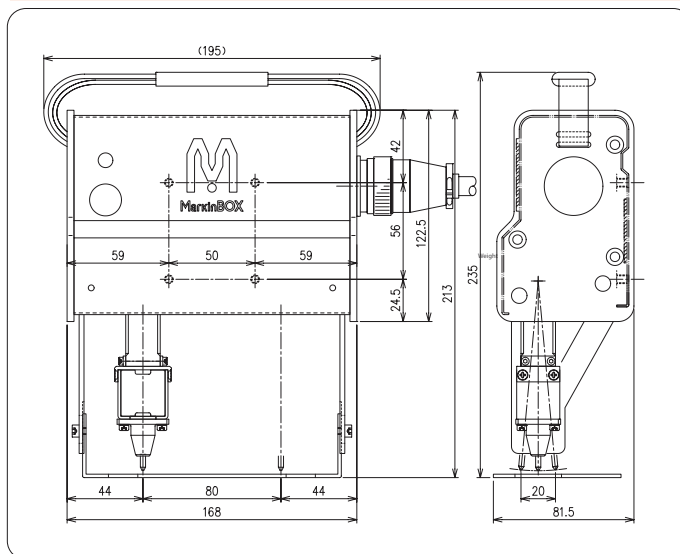
## MB2 Controller

Controller Power	AC 100v – 240v 50/60Hz
Controller Dimensions	2.6"(W) x 5.7"(D) x 8.7"(H) (66mm x 144mm x 220mm)
Controller Weight	3.1lbs ( 1.4kg)
Approvals	UL & CE on adaptor
Communication Ports	USB / RS232 / LAN / Bluetooth / DIO
I.O.	Input 12 / Output 8 point
Message Memory	255 message storage on controller

## sketchbook Software

OS	Windows XP / 7 / 8
Memory / Display	1 GB / 1280 x 768 dpi
Character Height	.04" ~ .08" (1~20mm) (0.1mm Pitch)
Character Width	Height x 10% ~ 200%
Character Pitch	.04" (0.1mm Pitch)
Character Fonts	TOCHO, Elegant, 5 x 7, PC Font when linked to PC
Logos	JPEG, BMP, DXF, logo generator
Serialization	00000001 – 99999999, 4 serial numbers
2D Codes	Data Matrix & QR Code
Date & Time	Julian date

## Blueprint - MB 8020



Our clients include:

**CATERPILLAR**



**AINISIN**

**KYORITSU**

**EXEDY**

**FUJITSU**



**NSK**

**YOROSU**

**KYB**

**MAHLE**

**HITACHI**

**SMO**

**YANMAR**



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