



SBM3

The SBM 3 laser cutting and laser engraving machine comes with the most mature, easy-to-use features of the SBM family. With A2-size working table, 210mm moving distance of Z-axis, and a flexible traversing-door design, it lets your operations work easily and efficiently. A built-in lighting design also allows users to reach an effective work-in-process observation. Moreover, the SBM 3 is featuring reliable, quality, high-resolution, high-speed, and it is absolutely one of the best engraving solutions in the laser application era.

OFFERING A FULL RANGE
OF LASER MARKING AND
CUTTING SOLUTIONS





System Specifications

Laser Selection	Gas carbon dioxide (CO2)
Maximum Speed	1524 mm/s (60 in/s)
Resolution	Up to 4000 dpi
Working Area	1000 mm x 600 mm (39.37" x 23.62")
Z-axis Range	Adjustable up to 210 mm.
Max. Material Thickness	230 mm
Memory Buffer	Standard 64MB, stores up to 99 files with all settings
Computer Interface	Standard USB cable and printer driver
Application Software	Windows compatible graphics software
Operation Modes	cutting - Vector; engraving raster graphic
Power Requirements	110/220VAC, 50-60 Hz
Dimensions	1450 x 820 x 1050mm
Cooling	Ambient air

Standard Features

- Available with a fiber or CO2 Laser
- CCD module
- Air blower
- Honeycomb cutting table (with or without a dust collector)
- Rubber stamp fixture
- Fume extractor system
- Optional rotary attachment
- Optional autofocus sensor

Applications & Materials

- Sign-making
- Glass engraving (bottles, glasses, flat sheets)
- UID / barcode marking
- Industrial tags, animal tags, dataplate
- Marble engraving
- Trophy customization
- Embroidery cutting
- Rubber stamp engraving
- Paper and fabric cutting
- Wood engraving
- PET cutting
- Custom engraving

Options

- Rotary attachment

Training, commissioning and extended warranties are also available.



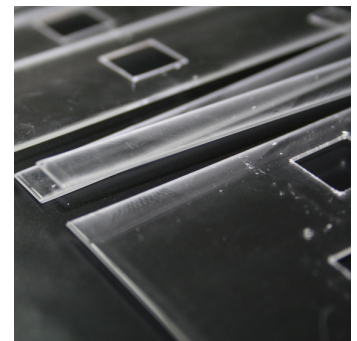
Honeycomb Table
with
Dust Collector



Rotary Attachment



Engraving



Plastic Cutting

21 CFR 1040.10 Compliance

This product is a Class 1 laser as designated by the CDRH and MEETS the full requirements for a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. As an added level of security, a redundantly switched safety interlock system helps prevent accidental exposure to excess laser radiation. Plus, the system is equipped with an electrical power manual reset, a key-locked laser power switch and a remote interlock connector. Finally, the system has audible and visible emission indicators with five (5) second emission delay settings. All these features, in combination, constitute the laser radiation safety system, which allows the equipment to be used in a safe and secure manner.



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