



# LASER

Laser Marking Machine



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## MCF Series

CO2 Laser Marking Machine (30W/40W/60W )



① Support serial port to add alarm light, E-Stop etc

② Supports to connect vision systems on production line

③ Through ethernet to transfer variable data and realize computer remote operation

④ Faster speed and wider printing range



Corrugated Carton



Pet Bottle



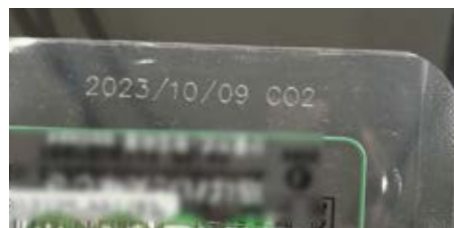
Wood



Pipes



Leather



Plastic Bags

## Parameters

| Model                  | MCF-30                                                                                                                                                                                                        | MCF-40 | MCF-60                      |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------|
| Laser                  | CO2 laser source                                                                                                                                                                                              |        |                             |
| Watt                   | ≥ 38w                                                                                                                                                                                                         | ≥ 43w  | ≥ 70w                       |
| Wavelength             | Standard: 10.6μm; Optional: 10.2 or 9.3μm (Customization accepted)                                                                                                                                            |        |                             |
| Marking Speed          | ≤ 12,000mm/s (High-speed galvanometers available)                                                                                                                                                             |        |                             |
| Focus Lens             | Focal length: 145mm                                                                                                                                                                                           |        |                             |
| Cooling System         | 30/40w Air-cooled; 60w Water-cooled                                                                                                                                                                           |        |                             |
| Power Supply           | 110V/220V, 50/60HZ, 750w                                                                                                                                                                                      |        | 110V/220V, 50/60HZ<br>1500w |
| Environment            | Outside temperature 0~45°C ; Humidity ≤ 95% ; Non-condensing; No vibration                                                                                                                                    |        |                             |
| Operation System       | Linux                                                                                                                                                                                                         |        |                             |
| Main Control           | Touch screen control                                                                                                                                                                                          |        |                             |
| Marking Size           | 110×110mm (Optional: 110~300mm)                                                                                                                                                                               |        |                             |
| Language               | Arabic, German, Greek, English, Spanish, Persian, French, Italian, Japanese, Korean, Portuguese, Russian, Thai, Turkish, Vietnamese, Chinese Simplified, Chinese Traditional etc (Support customization)      |        |                             |
| Support                | Contents: Text, Date, Draw, Graph, Barcode, QR Code etc<br>Barcode: CODE39, CODE128, CODE126, UPC-A, UPC-E, EAN-13, EAN-8                                                                                     |        |                             |
| Marking Materials      | Bamboo, Wood, Paper, Carton, ABS, PVC, Acrylic, Leather, Glass, Rubber, Epoxy resin, Architectural ceramics etc                                                                                               |        |                             |
| Industrial Application | Pharmaceutical packaging, Food packaging, Beverage packaging, Plastics, Textiles, Leather, Wood, Handicrafts, Communications, Watches, Glasses, Printing, Electronic components industry and other industries |        |                             |

## Dimension & Accessories



| Standard List    |                       |                           |
|------------------|-----------------------|---------------------------|
| <p>① Bracket</p> | <p>② Touch screen</p> | <p>③ Laser host</p>       |
|                  | <p>④ Cable</p>        | <p>⑤ Photocell sensor</p> |
|                  | <p>⑥ Encoder</p>      | <p>⑦ Tool kit</p>         |