**Portable CO2 Laser Marking Machine**

Imported packaged CO2 lasers are used to achieve high-speed and high-precision laser marking quality for non-metallic materials. The whole machine has stable performance, small size, easy to move, plug and play, no consumables, and maintenance-free.

Product Model: DT-CO2L30/ DT-CO2L60/ DT-CO2L70/ DT-CO2L80/ DT-CO2L100

Laser power: 30W/ 60W/ 70W/ 80W/ 100W

Working area: 110\*110/ 150\*150/ 200\*200/ 300\*300mm

**Product Quick Details:**

Power: 30W/ 60W/ 70W/ 80W/ 100W

Cooling mode: Air Cooling

Laser wavelength: 10.64μm

Whole machine power: 600W/h

Machine weight: 55kg

**Product Features:**Portable CO2 Laser Marking Machine is an advanced machine that combines portability and efficiency and is widely used in a variety of industries such as manufacturing, jewelry and medical aesthetics. Its unique features make it a popular choice for many businesses and individuals.

1. Adopt the original America brand SYNRAD or China top brand DAVI brand RF metal laser generator, long service life.

2. Using high-quality optical components, high-stability laser generator, automatic control system.

3. Red light preview, marking position is clear at a glance.

4. It has high working precision, fast speed, very stable performance, can work continuously for a long time, and can be directly applied to large-scale online processing production lines.

5. Full set imported optic lenses, low consumption, good focus performance.

6. Maintenance-free, "plug and play" design, no consumables required.

**Product Specification:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Laser Power | 30W | 60W | 70W | 80W | 100W |
| Model  | DT-CO2L30P | DT-CO2L60P | DT-CO2L70P | DT-CO2L80P | DT-CO2L100P |
| Max Marking Range | 200\*200mm | 300\*300mm | 300\*300mm | 300\*300mm | 300\*300mm |
| Depth of Single Marking | ≤0.3mm |
| Laser Type | CO2 Laser |
| Laser source | DAVI |
| Control Software | EZCAD |
| Cooling Mode | Air Cooling |
| Working Accuracy | ±0.002MM |
| Marking Speed | 1-12000mm/s |
| Repetition Frequency | 20-100KHz |
| Laser Wavelength | 10.64μm |
| Minimum Font for Marking | 0.15mm |
| Working Voltage | 220V+10%, 50/60 Hz |
| Graphic Format Supported | AI, PLT, DXF, BMP, DST, DWG, DXP |
| Applicable Material | Various non-metal materials, widely used in leather, wood, textile and other industries. |
| Optional Accessories to Purchase | D80 Rotating Shaft/ D57 Small Chuck/2D Table (X.Y direction)/ Cutting Fixture |
| Net Weight (KG)/ Gross Weight | 55KG / 65KG |
| Machine Dimension | 450\*750\*1400mm (L\*W\*H)  |

**Application:**
Widely used in craft gifts, furniture, leather clothing, advertising signs, model making, food packaging, pharmaceutical packaging, electronic components, communications, clocks, glasses, printing plate making, shell nameplates and other industries.

**Quality assurance**

1.. Every production process has a special person to test to ensure quality

2. Have professional engineers to check the quality

3. All products have passed CE, FDA, ISO9001 and other certifications

4. Date Fiber Laser Marking Machine is subjected to strict ageing tests and continuous 24-hour laser beam output before leaving our factory to ensure 100% machine stability

**Packing List:**

Wooden case, 1pcs/case

Laser protective glasses\*1

Foot pedal \*1

English manual \*1

Hex wrench set \*1

Metal business card

Power connection wire\*1

CNC connection cable \*1

USB\*1

Laser inspection report

**FAQ**
**1. How can I place an order?**
Please provide the details of your requirements as clear as possible. So, we can send you the offer at the first time.
For further discussion, it is better to contact us with WhatsApp / WeChat / email / phone, in case of any delays.
**2. What kind of display we provide?**
We have laser marking machine / laser welding machine / laser cutting machine / laser cleaning machine / CO2 laser cutting and engraving machine / laser accessories for you choose.
**3. How about the warranty?**
We have 2 years warranty and lifelong maintenance
**4. What are your terms of delivery?**
We accept EXW, FOB, CFR, CIF, DDU, DDP, etc. You can choose the one which is the most convenient or cost effective for you.