

CO2 Laser Cutting Machine for Non-Metal Materials

This CO2 laser cutting machine is designed for cutting various non-metal materials, including wood, acrylic, and plastic, into complex shapes. It is used in the production of items like airplane models, decorations, and toys.



Overview

Versatile CO2 Laser Cutting Solution

This professional-grade CO2 laser cutting machine is engineered for high-precision processing of non-metal materials. Equipped with a 32-bit DSP control system and a high-speed microstepping motor, it delivers consistent results with a resolution of up to 2500 DPI. Designed for flexibility, it supports a wide range of laser power options and multiple work area sizes to suit diverse industrial and commercial production requirements.

Technical Specifications

Supported Image Formats

- PLT
- DXF
- BMP
- AI
- DST

Laser Power Options	60W, 80W, 100W, 150W, 180W
Maximum Cutting Speed	1000 mm/s
Resolution	2500 DPI
Control System	32 Bit DSP
Drive Type	Microstepping stepper motor system
PC Interface	USB 2.0, USB Disk

Machine Models & Dimensions

Model Specifications Table

Model	Work Area (cm)	Size WxDxH (cm)	G.W. (Kg)
CM1080	80 x 100	160x126x107	450
CM1290	90 x 120	180x136x107	480
CM1490	90 x 140	204x146x107	500
CM1690	90 x 160	224x146x107	550
CM160X	130 x 160	224x186x107	600

Electrical & Accessories

Included Accessories

- Air assistant
- Exhaust system
- Water cooling system

Optional Features

Double Head • Red Dot Pointer

Power Requirements

110V or 220-240V / 50~60Hz

Warranty

12 Months