



CO2 LASER MARKING SYSTEM

PRODUCT DESCRIPTION

The CM800C is a light and agile CO2 laser marking system that integrates seamlessly into production lines, helping customers to achieve high quality and high speed marking in various production situations. It is an ideal coding solution for auto-parts, electronics, cosmetics, pharma amongst others.

NON-STOP



Optimised total output power for a laser source life of up to 40,000 hours



Air-cooled laser source requires no additional maintenance



Totally sealed maintenance-free optical system, no adjustment required

HIGH EFFICIENCY



High-speed digital galvanometer system to ensure high speed and accuracy



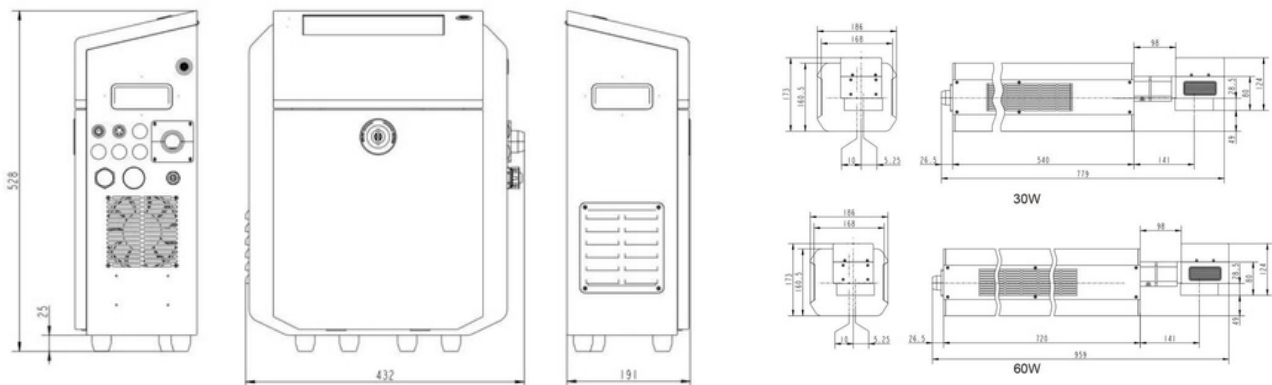
Scientific and accurate vector planning logic, reducing the time consumed for a mark



Flexible integrated solution with multiple standard beam transmission options

CO2 LASER MARKING SYSTEM

Marking Speed	Up to 2,000 characters/second
Line Speed	Up to 200m/min
Marking Windows	50x50mm to 400x400mm, 100x100mm standard
Laser Power	10W, 30W and 60W
Wave Lengths	10.6um 10.2um and 9.3um
Marking Format	Standard industrial fonts, Bar codes, QR-Code, Data Matrix, Aztec-Code, Han Xin-Code, Graphics, Logos, Symbols, etc.
Focusing Aid	Standard, switchable red LED
Positioning Aid	Standard
Laser Tube	Sealed CO2 laser
User Interface	Personalised touch control screen
Communication	UDP, TCP/IP and RS232
Integration	Flexible beam delivery options
Electrical Requirement	240v AC ~50/60Hz 1 PH 0.70KW
Environment	Temperature 5-40°C (41-104°F) Humidity 10%-90%, non-condensing
Sealing and Safety Standards	Cabinet: IP54 standard, Marking Unit: IP54 standard
Weight	Standard unit: approx. 40 kg



ABOUT OUR VISION

We exist to use our decades of knowledge and experience to elevate the Cyklop brand to be recognised as a tier one company for Coding & Marking technologies and consumables in the EMEA region. We do this by building lifelong partnerships by being customer obsessed and providing innovative and practical Coding and Marking solutions.

CYKLOP NEEDHAM

Cyklop Needham are a manufacturer of industrial inks and distributor of coding and marking printers within the EMEA region. The company has over 62 years of experience and heritage in the coding and marking industry, with a product range that expands beyond Inks & Consumables, including but not limited to Continuous Inkjet (CIJ), Thermal Inkjet (TIJ) and Laser marking machines. We strive to stay ahead of the curve with the latest technologies, serving a community of customers in various industries and sectors including food and beverage, packaging, pharmaceutical and many more.



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