



MORE THAN A CENTURY OF GLOBAL MARKING, CODING & PACKAGING SOLUTIONS

CO₂ LASER PRINTER

CM 800 C series CO₂ laser marking system help customers achieve high-quality and high-speed printing in various production situations. The printing content is flexible, not restricted by fonts, coding or graphics.

- ✓ High speed printing for high-speed and complex coding request in food, beverage, cosmetic, pharmaceutical and extrusion industrials.
- ✓ High efficiency
- ✓ Easy to operate

CO₂ LASER MARKING SYSTEM THE CM800C SERIES

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Non-stop

- ✓Optimized 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

Easy to operate

- ✓Flexible integrated solution with multiple standard beam transmission options
- ✓Highly integrated modular design ensures simple and convenient installation and maintenance



High efficiency

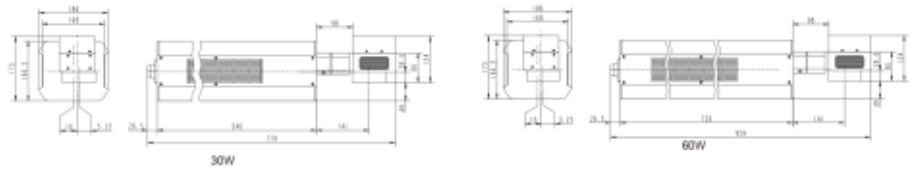
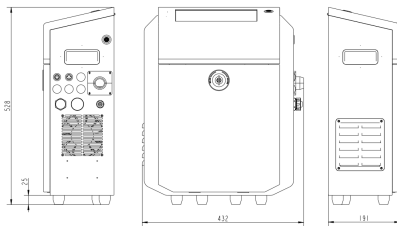
- ✓High-speed digital galvanometer system to ensure high speed and accuracy
- ✓Scientific and accurate vector planning logic, reducing the time consumed for a single marking
- ✓Ultra-high-speed

No mistake

- ✓In-house developed touch screen high-speed laser printer control system
- ✓Human-machine interaction, reducing mis-operations and ensuring correct marking
- ✓Multiple high-resolution print field lens options provide accurate and perfect identification

Technical Specifications

Marking speed	Up to 2,000 characters/second
Line Speed	Up to 200/min
Marking format	Approx. 50x50mm ² to 400x400mm ²
Wave lengths	10.6um 10.2um and 9.3um
Marking format	Standard industrial fonts, Bar codes, Q-R code, Data Matrix, Aztec -code, Han-Xin-code, Graphics, Logos, Symbols etc.
Laser tube	Sealed CO ₂ laser
User interface	Personalized touch control screen
Communication	UDP, TCP/IP and RS232
Integration	Flexible beam delivery options
Electrical requirement	240 VAC (To be noted when ordering), ~50/60 Hz, 1 PH, 0.70 KW /2PH 1.50 KW
Environment	Temperature 5-40°C (41-104°F) Humidity 10%-90%, no condensing
Sealing and safety standards	Cabinet: IP54 standard, Marking Unit: IP54 standard
Weight	Standard unit: approx. 34 kg, 39KG (60W)



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