



CODING

CM 800F LASER MARKING SYSTEM

CYKLOP[®]
GLOBAL PACKAGING SOLUTIONS

STRAPPING
WRAPPING
CODING
TAPING

CM 800F

Laser marking system

CM 800F series fiber laser marking system, with its light and agile marking unit, helps customers to achieve high-quality and high-speed printing in various production situations. The printing content is flexible, not restricted by fonts, coding or graphics. It is an ideal coding solution for auto-parts, electronics, can, cosmetic, pharma and building material industrials.

Non-stop

- ✓ High performance long -life laser source increases uptime significantly
- ✓ Air-cooled laser source and no wearing parts requires no additional-maintenance

Easy to operate

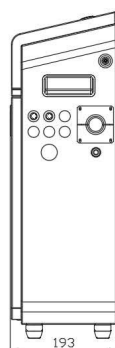
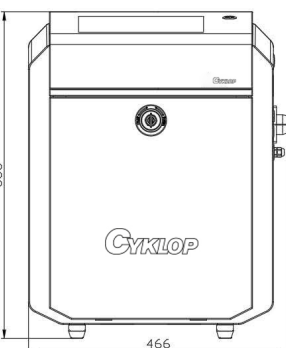
- ✓ Flexible integrated solution with multiple standard beam transmission options
- ✓ Highly integrated modular design ensures simple and convenient installation and maintenance

High efficiency

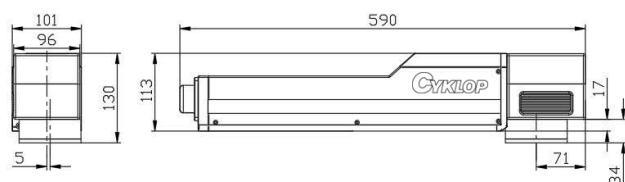
- ✓ High-speed digital galvanometer system to ensure high speed and accuracy
- ✓ Smaller spot size and concentrated energy to handle difficult materials and complex marking requirements
- ✓ Optimized vector calculation logic for more precise and efficient control of lines

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 windows	50x50 to 300x300mm, 110x110 mm standard
Laser power	20, 30 and 50 W
Wave lengths	1,055 - 1,070 nm
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	Ytterbium (Yb) pulsed fiber laser
User interface	Personalized touch control screen
Communication	UDP, TCP/IP and RS232
Integration	Flexible beam delivery options
Electrical requirement	110-240 VAC (To be noted when ordering) ~50/60 Hz 1 PH 0.70 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



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