# CODING

## CM 800C LASER MARKING SYSTEM

**CYKLOP**®
GLOBAL PACKAGING SOLUTIONS

STRAPPING
WRAPPING
CODING
TAPING

# CM 800C

# Laser marking system

CM 800C series CO2 laser marking system help customers achieve high-quality and high-speed prin-ting in various production situations. The printing content is flexible, not restricted by fonts, coding or graphics.It is an ideal solution for high-speed and complex coding request in food, beverage, cosmetic, pharmaceutical and extrusion industrials.

## 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 required to ensure the stability of the entire system, thereby minimizing unplanned downtime
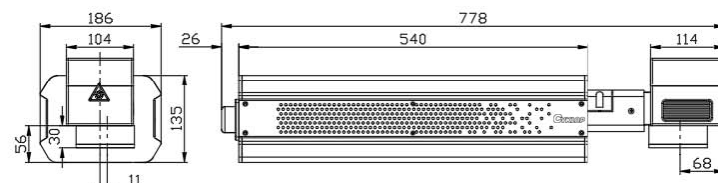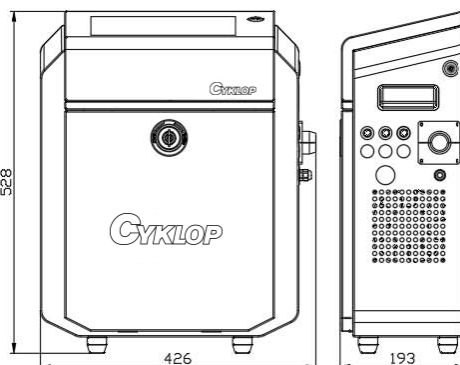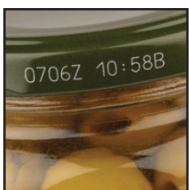
## High efficiency

✓ 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

## Easy to operate

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

## Technical specifications

| | |
|---|---|
| Marking speed | Up to 2,000 characters/second |
| Line speed | Up to 200/min |
| Marking windows | Approx.70x70mm$^2$ to 300x300mm$^2$ |
| 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. |
| Laser tube | Sealed CO2 laser |
| User interface | Personalized touch control screen |
| Communication | UDP, TCP/IP and RS232 |
| Integration | Flexible beam delivery options |
| Electrical requirement | 240 VAC ~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. 40 kg |

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