



PACKTRONIC

EXCELLENCE IN TRACEABILITY

RYNAN L-C40

Versatile CO₂ Marking in Motion

The RYNAN L-C40 is an industrial CO₂ laser marking system designed for on-the-fly marking on high-speed production lines, delivering reliable, high-resolution and high-contrast codes on a wide range of materials. Built for seamless integration, multi-system connectivity and centralized control across multiple production lines via H-MCS.



CO₂ Laser for versatility & cost efficiency
on packaging, films and cartons.

RYNAN L-C40

- Optimized on-the-fly marking system design
- Multi-line management via H-MCS software platform
- Compatible for marking on a wide range of materials
- Industrial grade reliability for continuous operations



TECHNICAL SPECIFICATIONS

RYNAN L-C40

Marking Technology	RF CO ₂ Laser (10600 nm)	
Product Dimensions	Controller: 396 x 160 x 320mm	Laser Head: 730 x 145 x 160mm
Product Weight	Controller: 7kg	Laser Head: 15kg
Laser Output Power	40W	
Power Supply	110 - 230VAC 4A	
Marking Speed	900 cps (Application Dependent)	
Cooling Method	Forced Air Cooling	
Focal Length	100 - 400mm (Fixed by Lens Focal Length)	

FEATURES

Wide Range Of Marking Types	Text • Counter • Box/Lot • Datetime • Expiry Date Julian Date • Shiftcode • Image • Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Marking Field	140 x 140mm (Adjustable by Marking Lens)
Connections	2 x USB 2.0 • Ethernet RJ45 Spare IO (5 Input, 7 Output) • RS232, RS485
Marking Mode	Static • Marking on the fly (MOF)
Operating Environment	Temperature 10 - 40°C, Humidity 40 – 80%, Non-condensing
Others	• POD (Print online data) Integrate with other devices PLC, Camera, Checkweigher) via RJ45
Messages Capability	• 8 GB on disk (Available for use)
Rotary Encoder	• Supported (NPN Type)
External Sensor	• Supported (NPN/PNP Type)
Power Density	• Adjustable from 0 - 100%
Printable Surfaces	• Wood, Plastic, Acrylic (PMMA), Coated paper, Leather, Rubber
Fonts & Texts	Windows TrueType Fonts
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Portuguese, Spanish, Polish, Greek and Italian (and others)

