

LabelMarker

High-Speed Laser Marking and Kiss Cutting of Labels

The LabelMarker is a dedicated system for marking and kiss cutting of labels. The integrated high performance laser enables high throughput and superior quality.

Laser processed labels support high grade of flexibility in content and shape. The use of laser specialized foils increase counterfeit safety, by destruction upon removal attempt. Label layout design and manufacturing sequence control are configured using an intuitive and easy to operate human machine interface.



FEATURES

- Available with DPSS or fiber laser marker
- Economic footprint , integrated all-in-one system
- Integrated foil unit for transportation, positioning and processing of continued foils
- Automatic foil cutting and foil end warning
- All common laser label materials possible
- Easy link to master execution systems
- Object orientated layout design software VLM (Visual Laser Marker)
- Splice detection

OPTIONS

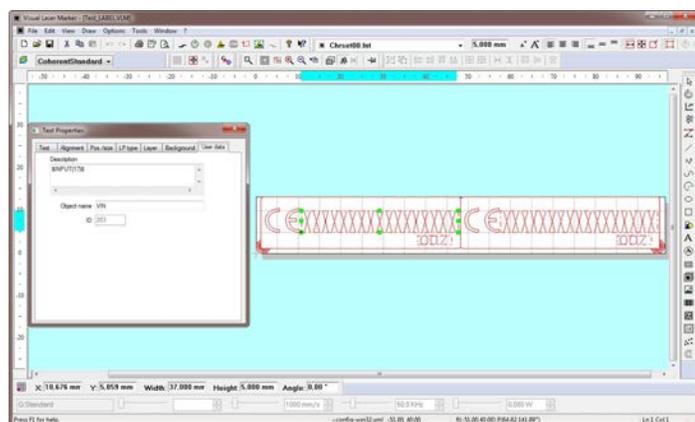
- Individual collection trays sizes
- Displacement units
- Barcode reader
- Exhaust system, fume extractor

| Specifications | PowerLine | | |
|---|---|-----------|--|
| | F 30-1064 | F 50-1064 | E Air 25-1064 |
| Type | Fiber | Fiber | Diode-Pumped Solid State |
| Laser Power (W) | 30 | 50 | 25 |
| Dimensions | | | |
| Housing (L x W x H) | 1115 x 800 x 1524 mm (43.9 x 31.5 x 60.0 in.) | | 800 x 800 x 1524 mm (31.5 x 31.5 x 60.0 in.) |
| Weight | 370 kg (815 lbs.) max. - depending on configuration | | |
| Environmental | | | |
| Operational Temperature | +15° to +35° C (+59 to +95 °F) | | |
| Utility | | | |
| Electrical (VAC) | 400 V (±10%), 3P; N; PE | | |
| Frequency (Hz) | 50/60 | | |
| Operating Power (W) | 4 kVA | | |
| Foil | | | |
| Width (mm) | 100 or 120 | | |
| Cooling | | | |
| | Air | | |
| Laser Safety Class | | | |
| Laser Safety Class 1 according to EN (IEC) 60825-1:2014 | | | |

LabelMarker SOFTWARE

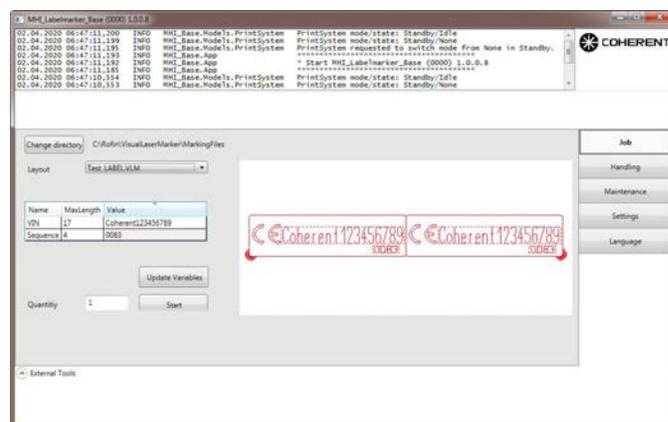
VLM Visual Laser Marker

Object orientated WYSIWYG graphical editor and layout designer



VMC Foil2

Manufacturing sequence control to integrate the system into a production environment



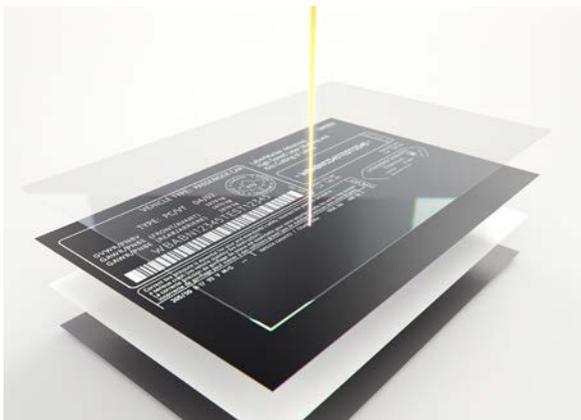
LabelMarker FOIL UNIT

- Modular system to transport, position, and process label material
- Foil width 100 mm or 120 mm
- Feed channel and pressure pad for safe foil transport
- Vacuum plate for flattening the foil in the processing chamber
- Mechanical knife for label carrier sheet singulation
- Splice detection and foil end warning
- Easy to remove, maintenance friendly



VIN FOIL MATERIAL

- Made of color laser film or ablation foil
- Specialized label materials, easy to destruct as counterfeit safety features
- Two layer structure, acrylate based foil, and colored cover layer
- Base foil carries adhesive, covered with a protective carrier paper



Mechanical Specifications

LabelMarker with PowerLine F

