

## LabeLase<sup>®</sup> Plate Edge Marking System



### Overview

In as low as 6 seconds, the plate edge is referenced and labeled with a mark that is suitable for manual or automatic identification of stacked plates.

### Features

- ◆ Highly visible characters (black on white background)
- ◆ Barcode & man-readable messages
- ◆ On demand identification
- ◆ Cycle time as low as 6 seconds
- ◆ Single-station machine requires no action up or down line
- ◆ ID survival to 500°F (260°C)
- ◆ Accepts host data download or manually entered data

### Operation

The plant positions the plate at the marking station (stopped and stationary) with the edge justified within 0-1" (0-25mm). Typical plate thickness range is .187" (4.7mm) to 3" (75mm) with plate temperatures of ambient to 500°F (260°C). (Contact InfoSight Corporation for other requirements).

The InfoSight LabeLase machine pneumatically extends and lifts to reference both the plate edge and under side surfaces. A basecoat of black ink is applied followed by a top coat of white ink. A CO<sub>2</sub> laser removes the white ink overlay to generate the desired black man-readable message, bar code and/or logo. The total message width is approximately 4" (100mm) or less. After marking, the machine retracts to a clear position.

# WE BARCODE DIFFICULT STUFF. ®

## SYSTEM SPECIFICATIONS:

Basecoat Area	Approximately 1" (25mm) high x 6" (150mm) long
Basecoat 2-Color	Black base with white second layer
Basecoat Material	Solvent based paint
Mark location	On side edge of plate
Marked information	Bar Code (Maximum of 14 characters Code 128 Symbology), plus corresponding man-readable characters.
Message size	Programmable: 1/4"(6mm) high nominal; taller characters will require more cycle time.
Spray nozzles	Fixed position wide spray style.
Motions	Laser tilts to reference plate bottom surface and optics extend to reference the plate edge.
Cycle time	6 seconds while plate is stopped.

## UTILITIES REQUIRED:

Mill Air	80PSIG, 30 SCFM
Electric	480 VAC, 3 Phase, 60 Hz, 20 Amps 120 VAC, 1 Phase, 60 Hz, 15 Amps (or local equivalents)

## HOST INTERFACE:

Electrical Protocol	Ethernet or RS-232-C InfoSight Standard Extended Protocol
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