



Flyer 1010

## Plate Marking System



**5-head I-DENT<sup>®</sup> Hot Plate marker with dual carriages— shown in the InfoSight shop**

The InfoSight Plate Marking System for moving plates is the ideal dot-matrix marking solution when it comes to high contrast marking on moving plates or other flat products. This marking solution can be configured with different marking technologies in order to best match the application requirements:

- InfoSight I-DENT<sup>®</sup> air nebulized marking technology for high temperature large character marking applications
- Third party DOD (drop-on-demand) marking technology for cold-to-medium temperature large character marking applications
- Third party CIJ (continuous ink jet) marking technology for ambient temperature very small character marking applications

A wide variety of marking media are available to meet most marking applications. Various inks and paints have been developed to handle different ambient temperature, oily and high temperature conditions.



**Typical 5-head marking carriage**



**Typical I-DENT mark—5x7 font**



**Typical DOD mark— 16-dot font**



**Typical CIJ marks— 32-dot font (small)**

### Features

- Hot or cold product marking systems up to 1800°F (980°C)
- Heavy-duty construction, designed and built for factory duty
- Traveling carriage for on-line / off-line (maintenance) positioning
- Raise / lower mechanism allows marking on small-to-large product without adjustment
- Measurement of product movement by encoder enables marking at variable speeds
- Air wipe nozzle is provided to remove debris on product prior to marking
- Multiple message buffers can store pre-formatted messages

### Available Options

- Custom-designed product handling equipment
- Custom marking data interface to match user requirements
- Marking of logos is possible
- Integration with other factory automation is available
- Air-conditioned controls are available for hot ambient environments
- Equipment is also available for marking of non-moving product—please consult InfoSight