

InfoSight Corporation

“We Barcode Difficult Stuff”™

KE28xx INFOTAG® LASER MARKER

Non-contact, Metal Bar Code Printing System

Features

- High Quality Bar Codes Meet AIM Specifications
- No Consumables Beyond Tag Stock (No Ribbons)
- Non-Contact Marking (No Delicate Pin Matrix Head)
- Rugged Marked Tag Survives High Temperatures (1100°C/2000°F)
- Small Foot Print to Conserve Pulpit Space (very low maintenance. Only two moving parts!)
- Silent Operation
- 25 or 50 Watt Models Available



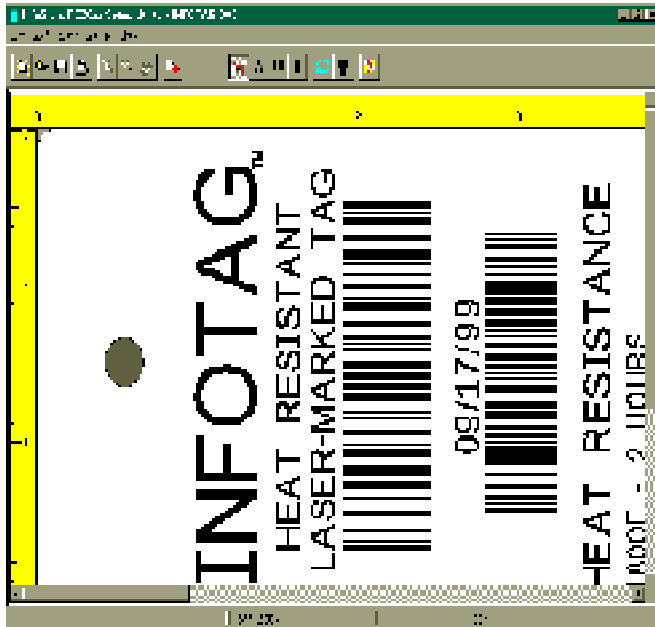
Overview

The Model KE28xx InfoTag® printer uses a moving, focused CO2 laser beam to darken a tag's specially coated white surface to produce high definition black characters, bar codes, or even logos. The tag's text and bar code data may be downloaded from a host computer or sequenced automatically after keyboard entry of heat data. The resultant rugged tags will survive high temperatures typical of continuous cast slabs, billets and blooms.

High-temperature tags are .008" (.203mm) thick 430 series stainless steel which may be manually fastened to the hot product by nailing or welding. Low temperature tags are .008" (.203mm) thick galvanized material and typically have one or two holes for manually wiring to bundles of product. The tag stock is loaded as 30 pound rolls (300 - 12" tags). The tag stock is drawn through the laser beam marking area as a nicked/notched continuous strip which is easily broken apart by the operator prior to attaching.

The small size of the KE28xx InfoTag® Printer [(51" x 27" x 15") or (129.54cm x 68.58cm x 38.10cm)] allows for easy placement anywhere making even the most cramped pulpit still feel comfortable. When placed on wheels, the KE28xx becomes a fully portable printer, transferrable from pulpit to pulpit by one person.

The KE28xx is available in two basic configurations. A 25 watt model to be used in less demanding cycle requirements and the KE2852 or KE2856 which includes a 50 watt laser for the more demanding cycle times. Both units allow for batch operations for unattended operation. The software included in the KE28xx is completely password protected. The software will allow for up to twenty sets of text and up to eight bar codes. The bar codes may be up to 24" in length. Unique optics design eliminates expensive flat field lens. Single galvanometer design reduces system components replacement costs.



Screen Layout / Software Screen

Options

- Automatic Rewinder
- Laser Cooling System (50 watt models only)
- Custom Data Communications Protocols (e.g. Data Highway)
- Power conditioner
- 440v / 380v / 220v Transformer
- Free Layout Software @ www.infosight.com
- USB Communication

Specifications

Physical Dimensions	51"x 27"x15" (129.54cm x 68.58cm x 38.10cm)
	Weight: 25W =110 lbs (49.9 Kg), 50W = 140 lbs
Marking Method	Pulsed CO2 Laser Beam (25W or 50W) Laser Class 1
Laser Life	15,000 Operating Hours Typ. (approx. 1.8 million tags)
Beam Width	25W .006" (Model 2800)
	50W .012" (Model 2852), .006" (Model 2856)
Marking Speed	25 W = 2.4 sec. / sq. inch
	50 W = 1.3 sec. / sq. inch
Tag Temperature Survival	May Be Affixed to 2000°F (1100°C) Products
Bar Code Symbolologies	Code 128 (A, B, C and mixed), Interleaved 2 of 5, Code 39, Opticode
Bar Codes Per Tag	8
Tag Layout Software	Available Free to Download
Power	120 VAC (50 or 60 Hz), 3 KVA
Max Tag Width	3" or 4"
Tag Lengths	.375" to 24"
Communications Interface	InfoSight Extended Protocol (RS232 or RS422 Transport Layer)

