

# Image Maker Printing System

## Industrial High Resolution Ink Jet Printer

### Controller

- Chassis: Stainless Steel
- Filtered Air Inlet
- 256 MB Ram, 40 GB hard drive
- Pentium Processor
- Windows 2000
- 4 USB ports
- 10/100 Ethernet and RS232
- Voltage: 120 VAC
- One Encoder and Photocell port
- Controls from 1 to 16 print engines

### Speed

- 129 fpm, 39.6m/min

### Resolution and Character Size

- 185 dpi vertical, 360 dpi horizontal
- Max character size from one print engine is 0.7"
- Up to 4 engines per head 2.8", 16 print engines, maximum height is 11.2"
- 126 independently addressable jets

### Applications

- Established markets for our printheads include packaging (case coding, bar codes, product marking and labels) and industrial marking (decoration of ceramics, PCB printing and other specialized areas). We are also advancing further into primary packaging and industrial graphics production such as printing directly on cans and bottles, smart cards and ID cards, DVDs and CDs.

### Basic System

- Controller with driver board
- OBJInkDraw Software
- One HSAJet-1126 Print head with automatic ink delivery system
- Print head mounting hardware
- Product detector
- Industrial keyboard Input Device

### Inks and Ink System

- Automatic Ink Delivery System
- 500 ml liter bottle
- Variety of colors, C, M, Y, K
- UV Cured and Oil based inks
- Low level ink detection
- Optional: Large capacity remote bulk ink supply

### Options

- Alarm Light for low ink
- Up to 100cm Umbilical for printing down and remote print head mount
- Environmental enclosures

### Software Features of OBJInkDraw

- Windows 95,98,NT,2000
- Simple touch screen user interface
- Fully object oriented, WYSIWYG display
- User Interfaces:
  - 1) Terminal box with graphical display and full keyboard.
  - 2) Monitor, keyboard, mouse
  - 3) RS232 or Ethernet
- Time: Multiple formats
- Calendar: Multiple formats including Julian date and automatic scheduler
- Counters: Multiple fully programmable
- Roll over hour/minute/second
- Multiple Postdates
- Barcodes: Code 39, 12of5, UPC-A, EAN 13, Code 128, SCC14, US Postal, Data matrix, and many more. Any variable data function can be embedded in barcodes.
- Fonts: All windows based fonts
- Message length 4000 mm (13 ft)
- Graphics: Multiple Windows Bmp files
- Ink Usage: Automatically calculated for each message
- Security: Full featured, password protection. Three levels
- User Prompts: Unlimited programmable prompts for user input at time of startup.
- Reverse, invert, inverse, mirror, rotate, boldenize, multiple drops, repeat print, ink reduction

### Environment

- Operating temperature 40°F - 104°F (5°C - 40°C)
- Maximum humidity 90%, non-condensing

