



Flyer 8402

# InfoDent<sup>®</sup> ID8400 Jib Stamping System



**Typical Jib Stamping System for pipe**

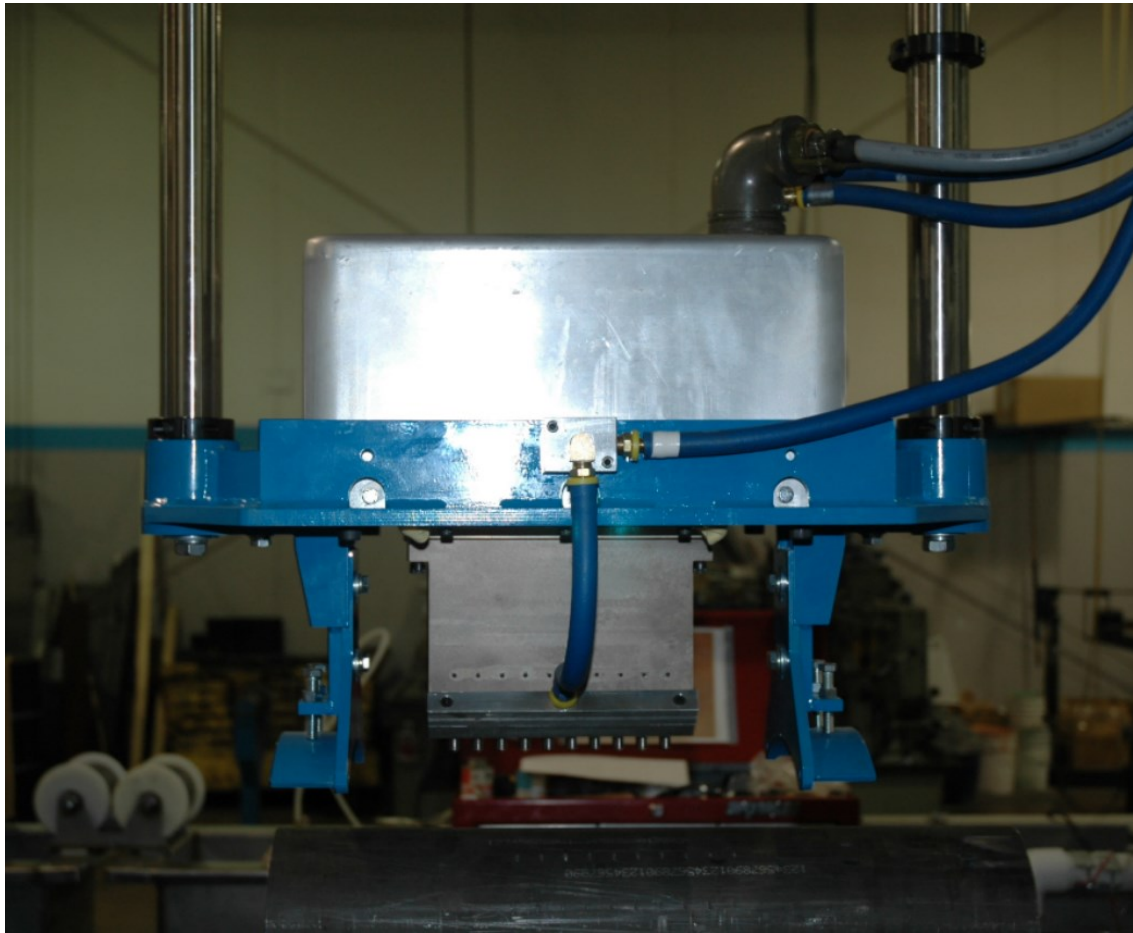
## Pipe Stamping

- This system geometry is most often used for stamping of pipe and tube
- A 1x10 pin cartridge is used
- Typical pipe stamping capability:
  - 3 char. per pin marking
  - 1 line of 30—1/4 in. (6.3mm) 5X7 characters, or - 4 char. per pin marking"
  - 1 line of 40—5/16 in. (4.8mm) 5X7 characters
- Typical stamping only time— 6 to 7 seconds
- Typical cycle time including raise/lower— 10-12 seconds
- Jib geometry can be designed to perform stamping from the end of the pipe, or from the side of the pipe

## Features

The InfoSight InfoDent Jib Stamping System is the preferred solution for dot-matrix stamped identification of steel mill products.

- The InfoDent System described in this flyer is typically offered for pipe/tube stamping and also plate stamping
- System was developed specifically for use in the Steel Industry where reliable operation under severe mill conditions is required
- The fully-enclosed stamping head allows for mounting at any orientation
- The heavy-duty X-Y positioning mechanism enables precise dot placement and repeatability
- System is used for multi-pin stamping of ambient to hot products
- InfoSight also offers other fully automated stamping solutions - for steel mill stamping of hot billets for example
- Hot product stamping is possible up to 2,000°F (1,100°C) when optional head cooling and proper radiant heat shielding is used
- Prints permanent marks on rough or uneven surfaces—including torch cut surfaces
- User-programmable font sizes
- User-programmable font densities - 5x7, 7x9, 11x16, and more
- Can stamp user-downloaded or keyboard-entered marking data
- Different print cartridge configurations are offered according to the specific user application requirements



**Typical Stamping Head Pin Cartridge for Pipe Stamping  
center-justified 1X10 pin cartridge as shown**

**Utility Requirements:**

- Electrical Supply—120 VAC, 5 amps or 220 VAC, 2.5 amps, 50-60Hz, 1 PH, Conditioned
- Air Supply—90-120 psig (4.8-8.3 bars), 10 cfm typ. (clean, dry)
- I/O—24 VDC typical; other options available
- Data download via Ethernet TCP/IP
- Please consult with InfoSight to discuss your specific requirements

**Additional Options:**

- Different pins and pin cartridges are available for special applications
- Pin sharpener—motorized 120VAC with cone angle adjustment and grinding mechanism
- Air amplifier for low air pressure installations
- Air-cooling of the stamping head enclosure with Vortec cooler for hot installations
- Optional HI-TEMP and OVER-TEMP head temperature outputs for hot installations
- Choose from a variety of pin sizes and materials for your specific application (tool steel, powdered steel and carbide pins are available)
- Please consult with InfoSight to discuss your specific requirements