

Flyer 8402

InfoDent® ID8400 Jib Stamping System



Typical Jib Stamping System for pipe

Pipe Stamping

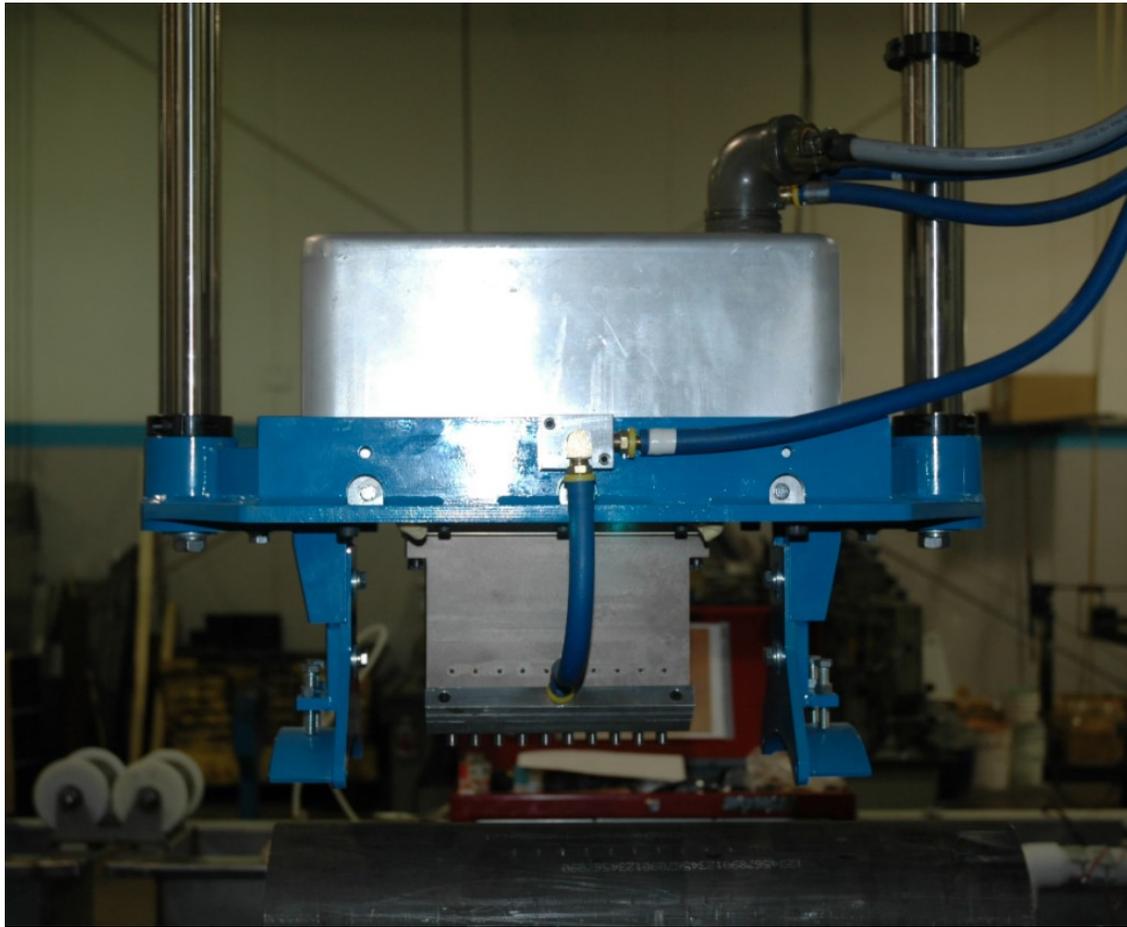
- This system geometry is most often used for stamping of pipe and tube
- A 1x10 pin cartridge is used
- Typical pipe stamping capability:
 - 3 char. per pin marking
 - 1 line of 30—1/4 in. (6.3mm) 5X7 characters, or - 4 char. per pin marking*
 - 1 line of 40—5/16 in. (4.8mm) 5X7 characters
- Typical 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

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**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