

## Gang Stamping System

The Gang Stamping System is an industrial identification stamping system that utilizes the InfoDent® ID8400™ stamping head and is designed to quickly and permanently stamp variable message data onto the ends of multiple end-justified cold or hot steel billets, blooms, rounds, and beam blanks positioned as a “gang” of bars in a saddle.



Gang stamping mechanism—rear view



Typical stamped bar—1 of 8 in a gang

### Features

The InfoSight InfoDent stamping system is the preferred heavy-duty stamping solution for dot-matrix stamped identification of steel mill products.

- System was developed specifically for use in the Steel Industry where reliable operation under severe mill conditions is required
- System traverses laterally to “find” the top-dead center of each bar.
- Stamping head extends/retracts on precision guide rods via air cylinder actuation
- The heavy-duty X-Y positioning mechanism for stamping enables precise dot placement and repeatability
- System is used for multi-pin stamping of ambient to hot products
- Hot product stamping is possible up to 2,000°F (1,100°C) when optional head cooling and proper radiant heat shielding is included
- Print 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
- Print multiple lines of text in seconds - 6 seconds stamping time is typical for 2 lines of 1/2” (12mm) stamped text
- Full cycle times (extend/stamp/retract) depends on number and size of bars in the gang
- Different print cartridge configurations are offered according to the specific user application requirements



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## Additional Options

- Air amplifier to boost plant air pressure for stamping
- Air-cooling of the stamping head enclosure with Vortec cooler
- Optional HI-TEMP and OVER-TEMP outputs to indicate stamping head temperature
- Choose from a variety of pin sizes and materials for your specific application (tool steel, powdered steel and carbide pins are available)
- Consult with InfoSight to discuss your specific application