

InfoSight Custom Solutions

Coils

InfoSight designs and builds customized automated marking machines that:

- Fit within customer's existing operations.
- Operate at temperatures from ambient to approximately 2000°F (1090°C).
- Mark stationary or moving products.
- Are configured to best serve the application: gantry, jib, robot, stand alone.

Marking Technology Recommendations	Hot Coils	Cold Coils
X-Y Markers	✓	✓
Auto-Taggers	✓	✓
I-Dent®	✓	
Drop on Demand (DOD)		✓

InfoSight's **Automatic Tagging Systems** are designed to apply tags to stationary products such as coiled steel.

- Tags are attached by resistant welding or adhesive.
- Taggers can be fitted with one of InfoSight's industrial laser tag printers to print tags on demand. These printers use a high powered industrial CO₂ laser to blacken the tag's white surface, which allows reliable non-contact printing of large alphanumeric data, high quality barcodes, and logos.
- Pre-printed tags are also available.

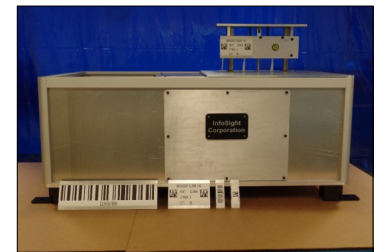


Tag Generator Modules

Metal tag laser printers designed to be integrated into automated equipment to automatically identify metal products.

Coil Stock Tag Generator

- Designed to print tags fed from a coil through the printer.
- Tags are typically applied to billets, blooms, beams blanks, as well as slabs and other long products.
- Programmable tag lengths—includes a pneumatic shear to cut the printed tag to length prior to handoff to the automated applicator equipment.



Preform Tag Generator

- Designed to print and present magazine fed tags typically applied to slabs.
- Feeds one preform tag at a time to the laser printer and presents the completed tag to the automated applicator equipment.



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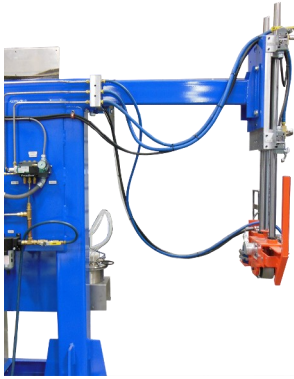
Automatic Stencil Marking Systems offer practical and cost effective alternatives to manual stenciling.

I-Dent® Marking Systems (Right)

- Utilize a non-contact multi-nozzle printhead, capable of producing a full range of upper case alphanumeric characters 3/4 to 6 inches (19 to 150 mm) high.
- Recommended for high temperature (>500°F, 260°C) applications.

DOD systems (Left)

- Offer the same flexibility with an economical OEM printhead
- Recommended for ambient temperatures.



The **X-Y Continuous Character Stencil Marking System** automatically prints durable, high quality characters on cast shapes and coils.

- For use at ambient and very high temperatures up to 1800°F (982°C).
- Fully programmable, capable of printing the full range of alphanumeric characters at sizes from 1 inch to 6 inches (25mm—152mm) tall.
- Uses a specially formulated water based ink to produce high contrast characters that are extremely resistant to high temperature, harsh weather and rough handling.
- Uses solvent based inks when marking cold coils.
- Easier, less costly, and safer to operate and maintain than wire or metalized powder spray marking systems.

