

InfoSight Custom Solutions Tube and Pipe Applications

InfoSight's Custom Engineering group designs and integrates fully automated solutions which are custom designed to match your product and facility. Products can be marked at ambient temperature or while they're hot. The marking machines are designed to fit into the existing operation.

The systems can be designed to mark stationary or moving products. The markers are normally mounted on jibs or gantries, depending on the size of the product and the area within the plant the marking machine will be located. Often, a traversing carriage drives the marking head along the jib or gantry beam to the marking location.



InfoSight Corporation designs and builds fully-automated industrial WMS solutions for "in line conveyor" or "lateral transfer" Tube/Pipe handling geometry. Equipment is custom designed to match product length and diameter range.

The WMS software controls the operation and interface of the InfoSight WMS system with the machine's automation system and the operator personnel. The software coordinates the operation of the machine PLC, the pipe length measuring, the weigh scale, and the stencil printer subsystems. The WMS software performs the tasks needed to process API pipe including weight tolerance, length range checks, pipe production tally reporting, and data archiving.



The InfoSight Jib Markers for Moving Product (Right) and Stationary Product (Left) are the ideal dot-matrix marking solution when it comes to high contrast marking on pipes, tubes or other products. This marking solution can be configured with different marking technologies in order to best match the application requirements. A wide variety of marking media are available to meet most marking applications. Various inks and paints have been developed to handle different ambient temperature, oily, and high temperature conditions.



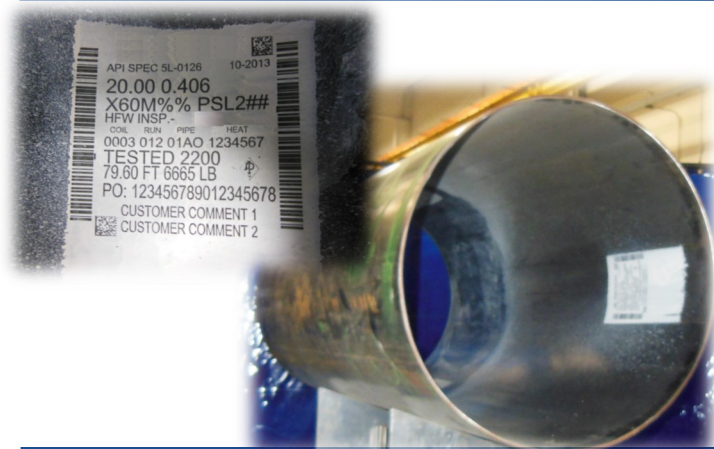
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The **ID8400 InfoDent®** marking system is a programmable heavy duty system that was designed specifically for hot or cold marking applications in the steel industry where reliable operation under severe conditions is an absolute requirement. The InfoDent® marker prints permanent, easy to read dot matrix characters

in hot or cold metal using rapid fire, pneumatically-driven, conical tipped impact pins. This technology allows it to mark legibly on scaly surfaces as well as on rough, curved or uneven surfaces that would preclude the use of conventional die stamping techniques. The Stampers can be mounted as single station stationary stampers or mounted to jibs or gantries to mark moving or stationary products.

The **I-Dent® Spray Marking System** from InfoSight Corporation offers a practical and cost effective alternative to manually stenciling products in an industrial environment. The I-Dent® Marking System utilizes a non-contact multi-nozzle Printhead which is capable of producing a full range of upper case alphanumeric characters 3/4 to 6 inches (19 to 150 mm) high. System configurations are available to produce OCR (optical character recognition) characters and InfoSight OptiCode® bar codes, allowing products to be marked for machine readable automatic identification.



Customized InfoSight **LabelLase® Laser Marking Systems** print bar codes directly onto Steel Products. The system is designed to apply a proprietary white patch to the product which is then marked by the laser. This application is intended for product temperatures ranging from ambient to 500°F (260°C). The message printed can be any combination of bar codes, alphanumeric characters, and logos.