

Tube & Pipe Technology Release Date: 3/23/2009

Scan Systems Corp: An Evolutionary Company Creating Revolutionary Products

Having been in the OCTG (oil country tubular goods) business for over twenty-five years, Scan Systems Corp. is in a unique position to tailor our products and services around the needs of those that work with OCTG tubing and casing. Our state of the art manufacturing facility, along with the best minds in the industry have created specific specialty products for non-destructive testing of OCTG materials. Our latest and most impressive product is our unique EMI (Electro-Magnetic Inspection) product with specifications and features second to none.

From the first glimmer of our initial vision our objective was to create technology that would lead the industry with increased MFL performance and produce a superior quality inspection. We focused substantial capital resources in research and development, hiring some of the best engineers, physicists, software designers, PHD's and technicians in the world. In an industry that has not seen any major advancement in MFL inspection equipment in the past 30+ years, we are very proud we have brought our vision to reality and can now offer the industry these advancements with our EMI inspection equipment.

Our most cutting edge technology can be found within our Digi-Tech™ EMI Inspection Family of products. Utilizing state-of-the-art Magnetic Flux Leakage (MFL) Technology, coupled with our unprecedented custom Digital Signal Processing Software (Digi-Pro™), we can provide our customers with options for the total replacement of all their existing analog signal processing electronics. With our newly manufactured Digi-Tech™ product line we continue pushing technological boundaries. Our Digi-Tech™ equipment is now capable of performing a quality EMI inspection of OCTG pipe with wall thicknesses up to 0.625", and with production speeds up to 150 feet per minute.

Scan Systems Digi-Tech™ "M-Series" product line features a four-function EMI (Electro-Magnetic Inspection) unit specifically designed for high volume, continuous operation. Originally created for Steel Mill applications, our M-Series inspection units are designed for 24/7 operation with low maintenance, and high production. As our most robust product line, the M-Series product offers quality steel welded sub-frame for stability and performance. Our rigid aluminum center section frame is the foundation where all inspection systems are mounted and integrated. Enhanced pinch roller systems and greatly improved magnetic circuits assure our customers an accuracy level beyond comparison when inspecting their OCTG material.

Within our "M-Series" design, we offer 2 models covering the entire size range of common OCTG materials. Our DT-2100™ equipment features the capacity to inspect plain-end OCTG materials from 2 3/8" (60.3 mm) through 8.00" (203.2 mm), and our DT-3100™ equipment can handle plain-end material from 4 1/2" (114.3mm) through 14.00" (355.6mm). Inspection methods include magnetic flux leakage technology for OD and ID longitudinal and transverse

flaws, magnetic flux density for 100% coverage of the wall thickness variations, and an eddy current system for simple comparison of metallurgical mass and permeability differences.

Along with our EMI equipment, Scan Systems Corp. also manufactures the Tally-Rite™ Measuring Systems product that offers a better solution for tallying pipe. We also offer inventory management software for the very unique environment found in a typical pipe yard or third party inspection company. We are also the world's largest manufacturer of portable EDM units for manufacturing calibration notches in OCTG material. Scan Systems Corp. continues to focus our attention and resources on further research and development efforts in the OCTG industry, with plans for future breakthroughs helping advance our segment of the Tube & Pipe industries. For additional information, a virtual tour of the M-Series advancements or to schedule an appointment please visit our web site at www.pipinspectionequipment.com , or for our complete line of products at www.scansystems.com.