AMET

Advanced Manufacturing Engineering Technologies

AUTOMATED SUBMERGED ARC WELDING SYSTEMS

Spiral Pipe Mill Weld Control Packages

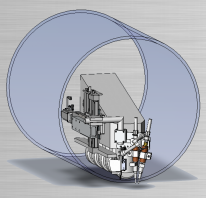


Weld Control Packages.

- Single or Tandem Wire Process
- Single or Multiple Weld Heads
- Spiral, Longitudinal Weld Head Designs
- Laser Standoff Control
- Laser Seam Tracking
- Integration to Pipe Mill PLC Controls
- Integrated Flux delivery - recovery

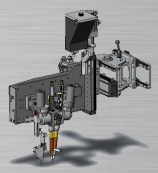






Internal Weld Designs

Single and Multiple Wire configurations with servo controlled X and Z. Integrated Laser Standoff Controls and Seam Tracking.



External Weld Designs

Single and Multiple Wire configurations with servo controlled X and Z. Integrated Laser Standoff Controls and Seam Tracking. Precision machined rails provide a manual X adjustment with a heavy duty pivot for joint alignment.



Integrated AMET Welding Controls

AMET XM Graphical Welding Controls integrate directly to the welding power supplies, torch motion, and pipe mill controls.

Integrated META Laser Sensors

AMET is a proud automation partner and integrator of META Laser and Optical Vision Systems.

Meta Vision Systems is the world leading supplier of laser seam tracking systems for spiral pipe mills, with systems installed in environments from the Arctic Circle to the Equator. META systems are commonly used for the complete range of spiral mill products, including piles, water pipes and oil and gas pipes. Many of our customers are API certified and use laser seam tracking to ensure that high quality is maintained.



META

Welding with Vision for 25 years



20 Years of Automated Welding Excellence