

Western Instruments

Established 1965

Pre-Weld Demag

Decreased Weld Repairs

- Welders not compensating for Arc Blow.
- Root, Hot Pass and Cap not affected by Magnetic Fields.

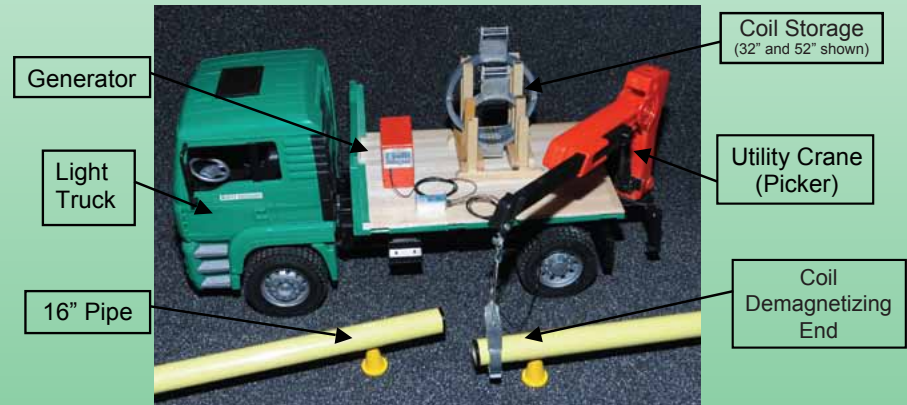
Higher Welder Productivity

- No interference with Welding Operations.
- Fast and Simple to use.
- Demagnetized ends can be left for days without Magnetic Creep.

Pre-Weld Demagnetization of the ends of Line Pipe is necessary as pipe, more often than not, is magnetized when it is strung out along the right-of-way. Western Instruments Demag System is based on our well proven WD-Series Magnetizing / Demagnetization Coils. As illustrated, the system consists of a standard 1 ton truck, a light utility crane (picker), a generator, and the necessary sizes of WD-Series Coils. All components are readily available.

WD-Series Coils are currently available in 7 sizes (8 5/8", 10 3/4", 14", 16", 18", 25" and 32" ID). Once the vehicle is positioned (as illustrated below), at the pipe ends, positioning of the Coil and Demagnetization takes less than 2 minutes per end. The ends remain demagnetized, for well over 12 hours, to an acceptable level of +/-2 Gauss.

Contact Western for specifications and pricing.



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