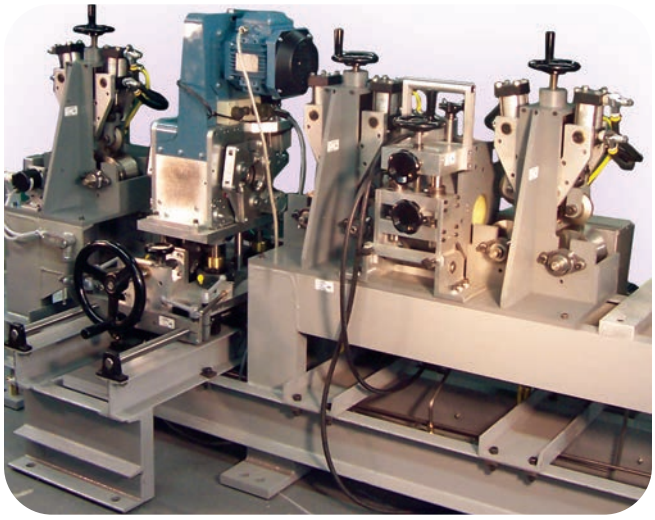
MAC®
Magnetic Analysis Corp.

Ohio Testing Facility

Tired of Having to Turn Down Orders Due to a Lack of Qualifying NDT Equipment?

Let MAC® come to the rescue with its advanced NDT equipment and Boardman Ohio testing facility that not only meets ASTM specifications, but those of the client as well.

With over 90 years of experience, MAC not only provides for the sale and lease of NDT equipment, but also testing services at its Boardman, Ohio test facility. Mills that are not fully equipped to handle specific requests by their customers may ship their material to MAC's testing facility where our knowledgeable and fully ASNT certified level II and III staff of engineers will work in collaboration with the mill to provide the best service and results possible.



This system consists of an encircling eddy current rotary and an ultrasonic rotary mounted on a dual pinch "V" Roll bench. In this instance, long, continuous seam type surface defects as well as subsurface and internal defects are being detected.

Optimizing Test Results

With encircling coil and rotary Eddy Current equipment such as the MultiMac®, and rotary Ultrasonic testing equipment such as the Echomac®, the Boardman testing facility can accurately detect a wide range of defects in carbon steel, stainless & specialty steel, copper, and aluminum tube or bar. The facility is ISO/IEC 17025 accredited. Testing standards supported by MAC's advanced testing equipment and facility includes several ASTM, AMS, ASME and Military specifications.

To meet today's most demanding inspection requirements, a combination test using both eddy current and ultrasonic (at 100% coverage) technologies ensures the detection of surface, subsurface and internal defects in bar as well as longitudinal and transverse, OD and ID defects in tube. Wall thickness measurement in tube down to .0001", and alloy or hardness verification can also be provided. Additional defects and descriptions may be found in our testing tube or testing bar website pages.

Testing Capabilities

- ☑ There are several test lines equipped to handle material from 0.100" OD to 3.5" OD at lengths of 24 feet and higher depending on the application and defects to be detected
- ☑ Customized solutions may be provided by MAC's experienced engineers and superior procedures to satisfy your specific requirements
- ☑ The addition of an overhead crane allows the facility to handle full truck loads of material, thus making it possible toinspect up to thousands of feet of material per day
- ☑ Turn-around time is usually within 1 week, with faster times available with advanced notification

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