

## Bar Rotator Ultrasonic Inspection Systems

NDT Automation's (NDTA) Bar Rotator UT Inspection Systems product line includes a variety of product sizes, all designed to provide a standard solution for the inspection of metallic or non-metallic tubular (pipe) geometries. Typical applications include:

*Pipe Manufactures • Roll Fabricators • Tubular Structures*

The NDT Automation ultrasonic inspection system concept utilizes a high-speed **Bar Rotator** to provide rapid 100 percent surface ultrasonic coverage of pipe and tubular structures. Systems can be fabricated with various geometries (e.g. pipe diameter and length ranges) to suit a wide variety of inspection needs. Transducers can be selected as a function of inspection requirements, but primary applications are for thinning, delamination, cracking and porosity.

### System Features:

- Models available for pipe diameters from 1 inch (25 mm) through 40 inches (1 M) and with virtually unlimited length capabilities
- Inspection speeds based on user flaw requirements - rotation speeds based on pipe diameter and weight
- Longitudinal scanning speed in excess of 25 in (600 mm)/sec
- Transducers - a function of user and inspection requirements - virtually unlimited choice
- Rugged industrial construction



13 foot (4 M) Bar Rotator System with host PC shown in operation.

For more information about our  
Bar Rotator UT Inspection Systems,  
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