

## Ultrasonic inspection system for iron and steel industries

### Ultrasonic Inspection system for Heavy plate

We can response your requests. Please contact RYOSHO.



- 1.Material: Thickness:6-60mm  
Width:900-5,000mm  
Length:3,000-250,000mm
- 2.Test area: All four laps and body
- 3.Inspection standards:  
JIS and other foreign standards
- 4.Defect detection capability:  
φ2 flat bottom hole
- 5.Testing methods:  
Water gap double transducers

### Ultrasonic Inspection system for Pipe (RUT)



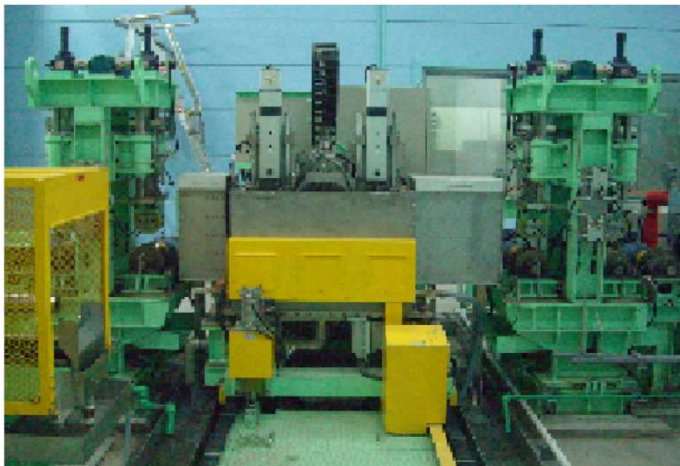
Testing mechanism



Probe holder

- 1.Material: Diameter:20-440mm  
Thickness:2-50mm
- 2.Inspection and thickness check:  
Longitudinal (L), Transverse (T)  
Lamination, Thickness
- 3.Inspection capability: N5 notch (L, T)  
φ4.8 flat bottom hole
- 4.Pulse density: Lower than 1mm/p
- 5.Applicable standards:  
APL, SHELL, BS, DIN, JIS, ASME etc

### Ultrasonic Inspection system for Round Bar (PAUT)



Testing mechanism



Probe holder

- 1.Material: Diameter:18-180mm  
Length: 4-10m  
High Carbon Steel,  
Bearing Steel etc
- 2.Inspection:  
Surface flaw and Center flaw  
detection  
Longitudinal ( $\pm L$ ), Center
- 3.Inspection capability:  
φ1.0 X 20mm SDH
- 4.Pulse density: Lower than 1mm/p