

# Nordiscan Rails

#N-R-E    #N-R-I    #N-R-S

- 3 Different Configurations:
  - Rail-E
  - Rail-I
  - Rail-S
- UT phased arrays
- EMAT probes



The Nordiscan-Rails is our platform of ultrasonic inspection systems designed for the detection of internal and surface defects in railroad rails, which inspects the head, web, and foot using ultrasonic phased array and EMAT probes. We offer 3 different configurations.

**Rail-E:** This system is intended for the detection of internal defects in rail heads, necks, and feet using EMAT probes in pass-through and echo modes.

**Rail-I:** This is an ultrasonic phased and immersion system used for the detection of internal imperfections in rail heads, necks, and feet with the highest accuracy, reliability, and speed up to 2 m/s.

**Rail-S:** The overall configuration of this system is based on the "pass-through" concept, which means that the rail will pass through the water tank with the set of phased array probes intended for 100% coverage of the rail surface.

Meets all industry standards.