



## Rail Inspection Vehicle (RIV)

Optimal Quality Control

Historical Data Collection

Automated Inspection

Real Time Analysis

### **Dimensional Specifications:**

- Weight – GVW 10,000 lbs.
- Length – 260 inches
- Width – 105 inches
- Height – 80 inches

### **Standard Equipment:**

- Hy- rail gear for appropriate track gauge
- Non-contact Rail Profile Measurement System
- Touch Screen Operating System
- Optical Encoder
- Power Inverter
- Uninterrupted Power Supply
- Radio with appropriate channels
- Storage for luggage, spare parts, tools & etc.
- Strobe and rear work lights

### **Performance Specification:**

- Perform measurements at speeds up to 30 mph
- Accuracy of 0.127 mm across the railhead
- Capable of working in:
  - temperature range of -20 to 55 C
  - all conditions of light
  - any wind speed
  - any rainfall conditions

### **Optional Equipment:**

- Rail Surface Monitoring (Rail Scope)
- 2 or 4 camera profile measurement system
- 24/7 Technical Support



*Speed, Performance, Reliability*

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