



WAYSIDE DEFECT DETECTORS

Hot wheels and hot journals are a major threat to any railway operation. A hot bearing can lead to severe damage to your axles which could trigger a derailment. Hot Bearing Detection systems are solutions that decrease faults to create a safe railway operation. They can monitor the temperature of axle-bearing boxes and wheel rims and reduce the risk of catastrophic failures.

Hot Bearing Detectors (HBD) are used to measure the temperature of the journal bearings of a train. They typically consist of two infrared eyes on each side of the tracks looking up at the train's bearings. They register the radiation from every journal bearing that passes over them. If a bearing reaches the maximum temperature for safe travel, the detector will flag and count it as a defect. Because bearings can burn off in as little as three minutes, hot bearing detector installations are extremely common on many railroads. Find out how CDL Group of Companies can provide Hot Bearing and Dragging Equipment solutions to your railroad system.

PACKAGE INCLUDES:

Defect Detector
Surge Protection Panel
Bearing Scanners
Scanner Cables
Speed Wheel Transducers
Internal Radio
Temp Probe
Alignment Fixture
Calibrated Heat source
Installation Tool Kit
Dragging Equipment Detector
Serrmi 4'x6' Control Shelter
Batteries
Installation- Labor & Equipment



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