

ABB Powertrain - Std. End of Line Test Solution



This machine automatically tests the axle for noise and vibration under a specified load. The machine is manually loaded and automatically positioned for the test sequence. An industrial PC with test software analyzes the gear through acceleration, full speed and deceleration modes.

Technical Data:

- Regeneration to supply line during dynamometer operation
- Vibration isolated pedestal bases
- Computerized data gathering and analysis
- Total backlash measurement
- Noise and vibration analysis
- Order and FFT analysis

Customer Benefits:

- Assure compliance to end-user NVH requirements
- Increased axle defect awareness
- Identifies defect type for continuous improvement
- Automatic G, R & R routine built into the software package
- Single-point service by ABB

Available Options:

- Local server communication and reporting
- Online reporting, diagnostics, and upgrades

