



## SETTING THE STANDARD FOR QUALITY WHEELSETS

Wheelworx, an A. Stucki brand, is structured to deliver the highest quality wheelsets through a comprehensive quality assurance program that meets or exceeds Class I railroad, customer, and industry requirements.

Our two facilities feature state-of-the-art inspection and testing capabilities, including in-process magnetic particle and ultrasonic testing. Multiple inspection points and test stations ensure every wheelset component is evaluated and verified throughout production. We foster a culture of continuous improvement, with a daily focus on refining our processes and products. All measuring and testing equipment utilizes the latest technology and is calibrated to NIST standards. Quality oversight is led by a full-time Quality Assurance Director and supported by NDT Level II certified managers for consistent, controlled inspection and testing performance.

We partner closely with industry organizations, Class I railroads, and private car owners to ensure full compliance with current specifications and to help shape future quality standards across the rail industry.

### CORE SERVICES

Wheelworx is AAR approved to perform the following operations:



#### Wheelset Services

- Freight car wheelset reprofiling
- Locomotive wheelset reprofiling up to 42 inches



#### Machining and Assembly

- Boring and mounting of freight car wheelsets
- Axle precision machining
- Roller bearing mounting



#### Inspection and Testing

- Magnetic Particle Inspection (MPI)
- Wheel and axle ultrasonic testing

### INDUSTRY APPROVALS AND STANDARDS

We operate under rigorous quality systems designed to meet or exceed Class I railroad and industry standards, ensuring each wheelset is reliable, traceable, and compliant.



# WHEEL SET MANUFACTURING, MACHINING & RECONDITIONING

## WHEELSET QUALITY ASSURANCE AND CAPABILITIES



### Quality Assurance Philosophy

Wheelworx has developed a comprehensive quality assurance program that aligns with or surpasses Class I, customer, and industry requirements. Our organizational emphasis on quality ensures accuracy at every stage from inspection through finished assembly.



### State-of-the-Art Facilities

Our two manufacturing locations house advanced equipment, including in-process magnetic particle and ultrasonic testing systems. We leverage multiple test stations throughout the production flow to conduct rigorous evaluations and critical dimensional checks on every wheelset component.



### Precision Calibration

All measuring and testing equipment is calibrated to NIST standards to maintain traceable accuracy. Continuous improvement is built into our operational culture, with daily focus on process refinement.



### Experienced Leadership

Quality governance is led by a full-time QA Director and supported by NDT Level II certified managers who oversee inspection methods and testing protocols company-wide.

## INDUSTRY PARTNERS AND COLLABORATION

### Wheelworx works closely with:

- AAR (Association of American Railroads)
- WABL (Wheel and Bearing League)
- Class I Railroads
- Private car owners

These collaborations help ensure that Wheelworx products are both compliant with current specifications and aligned with emerging quality standards.



## STRATEGIC STRENGTH AND SCALE

With engineering talent and logistics support at both facilities, Wheelworx provides reliable, responsive wheelset solutions to a diverse national customer base.

