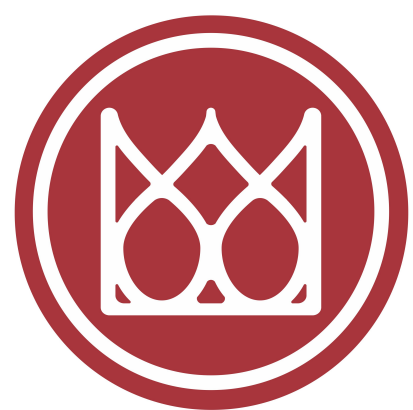




Excellence

(1992) CO., LTD.

Address: 130/16 M.5 Banbung Chonburi
Thailand 20170
Email: info@excellence1992.com
Telephone: (+66)38-444868
(+66)81-0173037



About Us

Founded in 1992, Excellence (1992) Co., Ltd. began as a specialized railway track repair workshop. Our initial focus was on reconditioning used railway tracks, including switch tracks, turnouts, and track joints, using advanced welding and machining techniques.

Building on nine years of expertise in railway systems, we expanded our services to include the repair and manufacturing of critical safety components for passenger trains in collaboration with the State Railway of Thailand (SRT). To this day, we uphold our commitment to quality while continuously adopting new technologies to enhance the performance and uniqueness of our products. In addition to our railway expertise, we have proudly partnered with Siam Toyota Manufacturing (STM)—a Toyota engine foundry—as a trusted supplier of spare parts for over 20 years.



Our factory, located in Chonburi, Thailand, serves as a key supplier for train maintenance projects commissioned by the government. Spanning over 10,000 m², our facility is equipped with advanced machinery, including 10-ton overhead cranes and pressing machines, and is operated by a team of highly experienced technicians.

Built On Trust And Quality

With decades of experience, we have built a strong foundation in railway systems and manufacturing. Our focus on quality, trusted partnerships, and reliable solutions has helped us grow and meet the needs of our clients. Here's a quick look at the numbers that highlight our journey.

1992

**Established
Legacy**

Over 30+ Years of
Expertise

+100

**Government
Projects**

Trusted by the State
Railway of Thailand

+80

**Manufactured
Products**

Specialized components
and spare parts



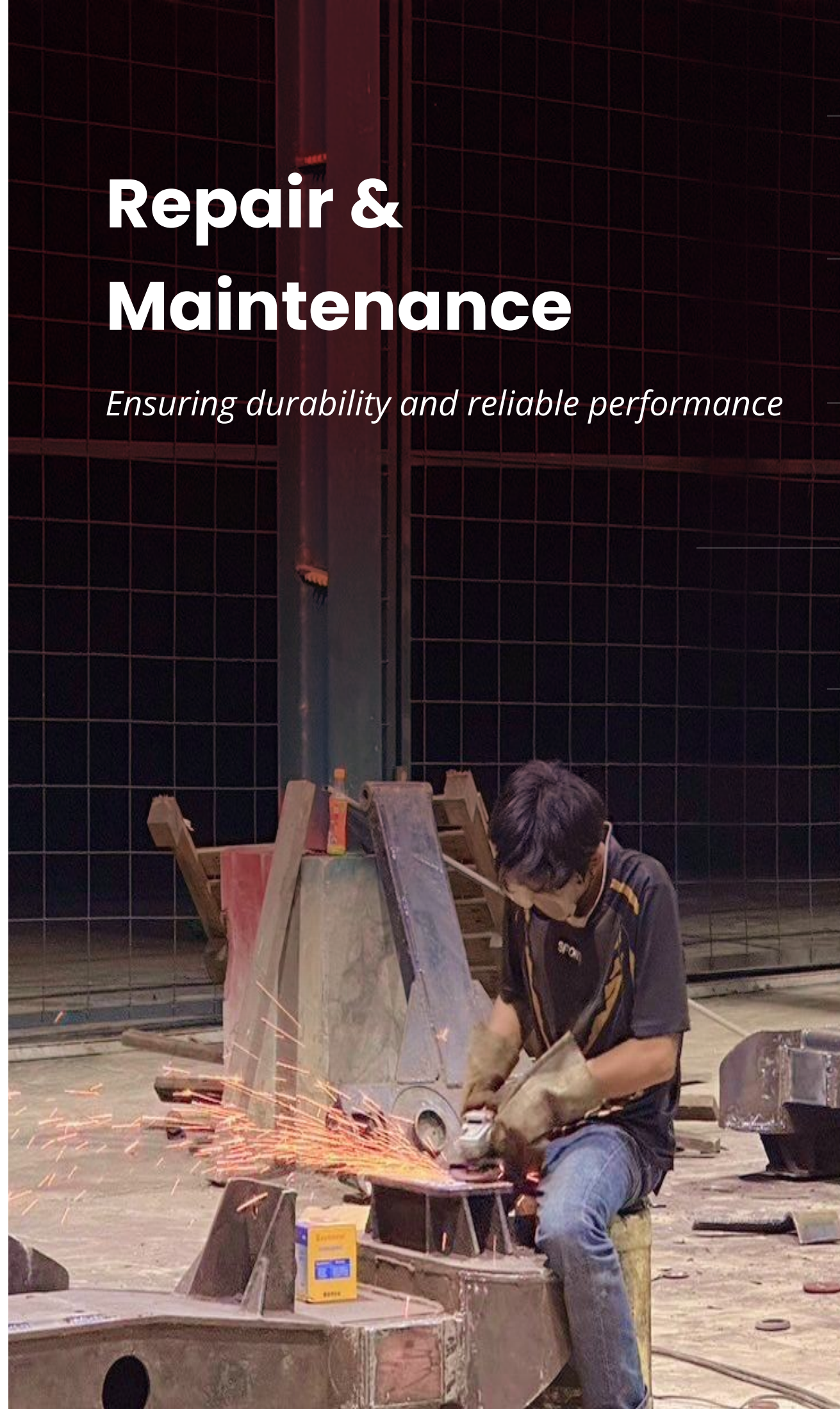
Modification

Custom solutions to meet your specific needs



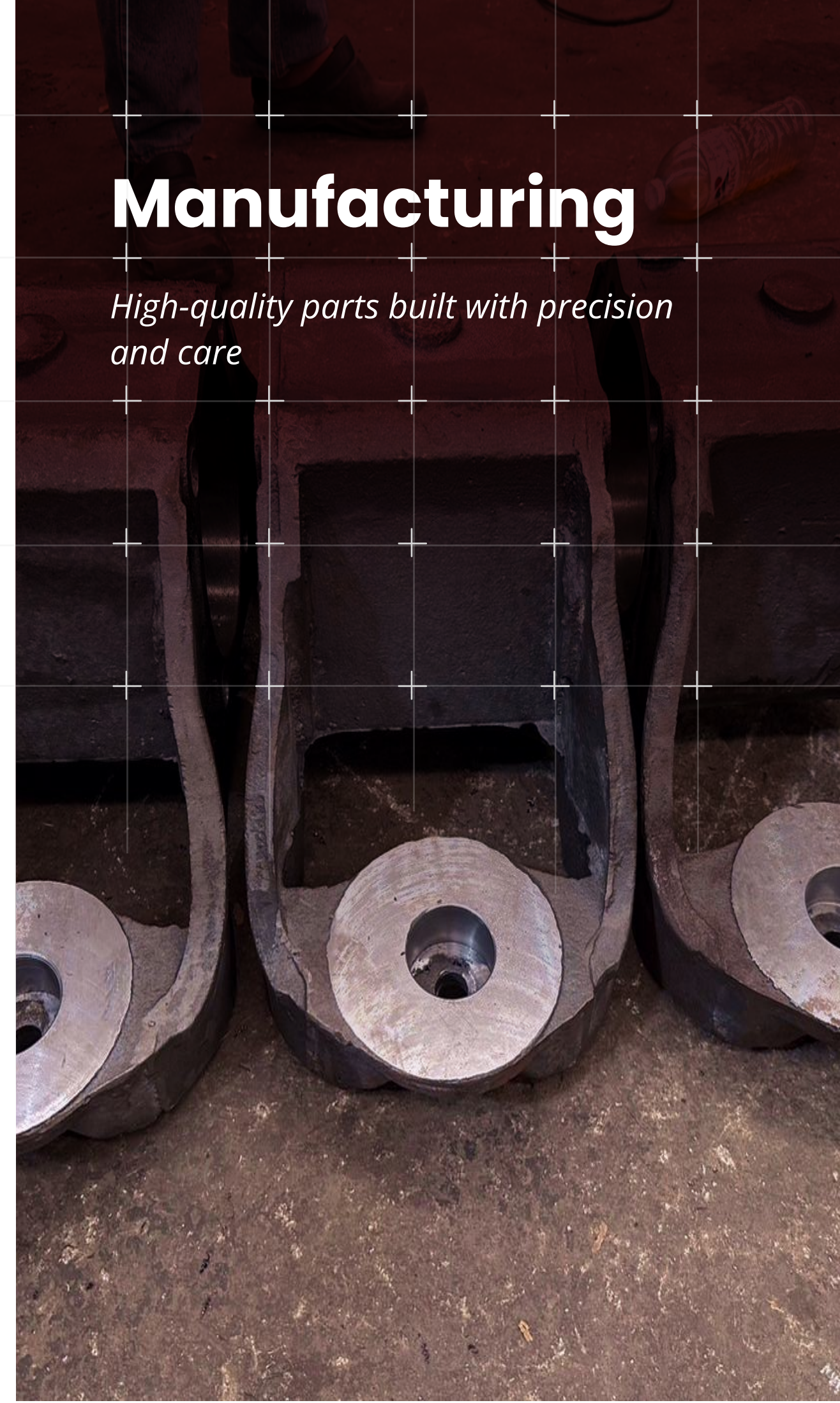
Repair & Maintenance

Ensuring durability and reliable performance



Manufacturing

High-quality parts built with precision and care



Services

Our company specializes in providing comprehensive solutions for railway systems and spare parts. From modifying and upgrading components to repairing and maintaining critical equipment, and manufacturing high-quality products, we ensure reliability and performance in every service we deliver.

Projects



Solar Panel Installation

CONVERTING CABOOSES TO SOLAR ENERGY USE

In this project, we modified eight cabooses to incorporate solar energy systems. This involved renovating the units and installing solar panels, transforming them into environmentally friendly cabooses capable of generating renewable energy.

This project demonstrates our capability to adapt existing infrastructure for sustainable energy use, providing a practical solution for energy efficiency in railway operations.



8

Cabooses were modified to incorporate solar energy systems

Repair Project

DEFORMED TRAIN CAUSED BY ACCIDENT

This project involved the repair of a train that had been deformed due to an accident. Our team assessed the damage, carefully restored the structural integrity, and performed necessary repairs to bring the train back to safe operational condition.

By combining precision and expertise, we ensured that the train was fully functional and met all safety standards, highlighting our commitment to reliable and efficient repairs in critical situations.



Bogie Frame Repair

THOROUGH INSPECTION AND REPAIR OF BOGIE FRAME

In this project, we carried out a detailed repair process on bogie frames, starting with a shot blasting technique to clean the surfaces. Following that, we performed an in-depth investigation to detect any corrosion or cracks using magnetic particle testing, ensuring the frames met all safety and performance standards.

This project emphasizes our meticulous approach to maintenance and repair, ensuring the longevity and reliability of critical train components.



Bogie Frame Repair

FRICTION-INDUCED CRACK REPAIR FOR BOGIE FRAMES

In this project, we carefully inspected the bogie frames and identified two primary types of damage: deformation and cracks. To address the deformation, we applied precise bending techniques to restore the frames to their original shape. For the cracks, we used metal welding to securely reconnect the damaged areas.

After completing the repairs, we conducted a thorough reinvestigation to ensure the frames met all safety and operational standards.

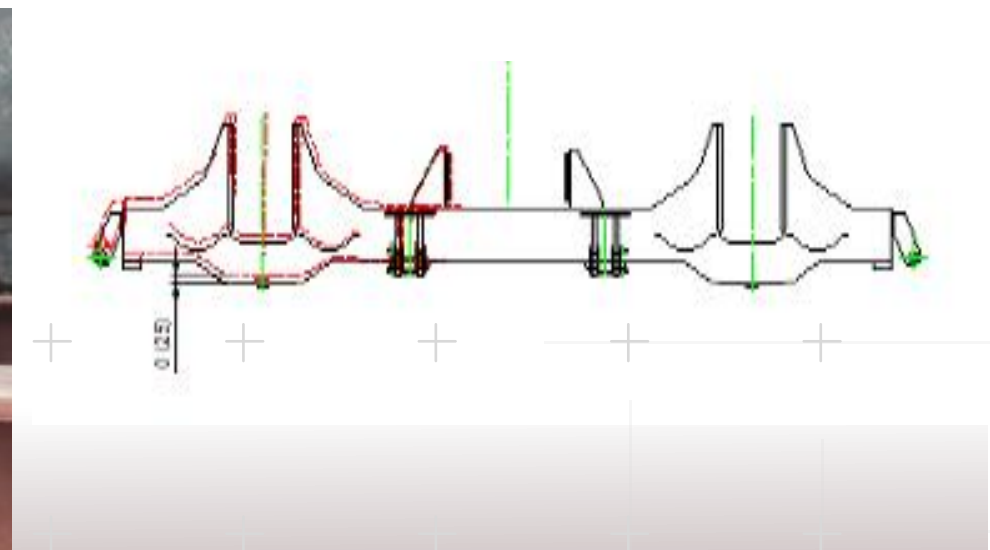
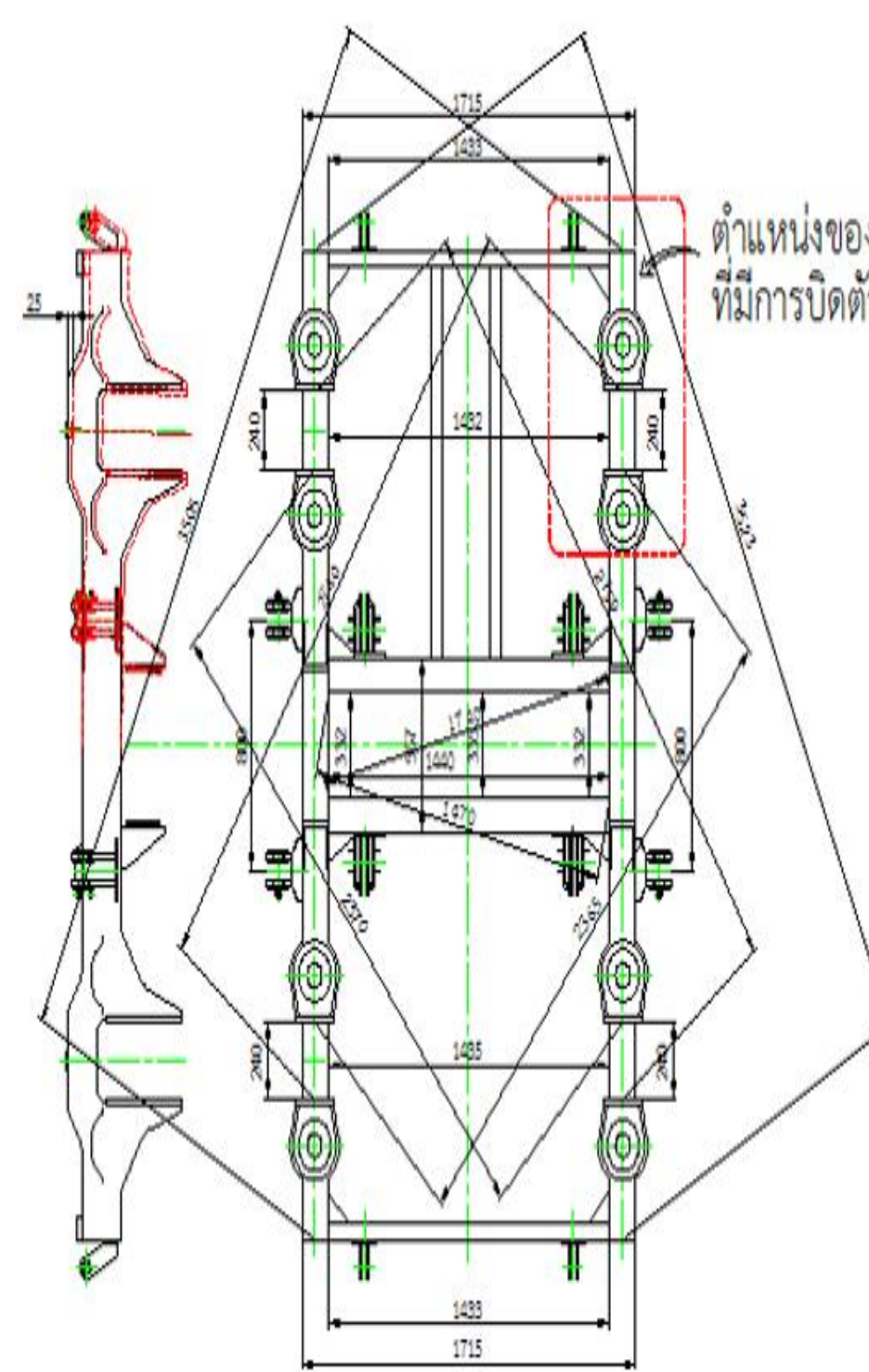


Bogie Frame Repair

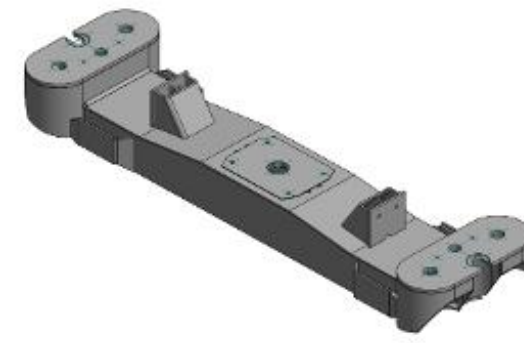
BOGIE FRAME REALIGNMENT AND RESTORATION

In this project, we addressed visibly deformed bogie frames that were twisted and bent. Our team carefully analyzed the damage and developed a plan for realignment, using pressing and twisting techniques to restore the frames to their original shape.

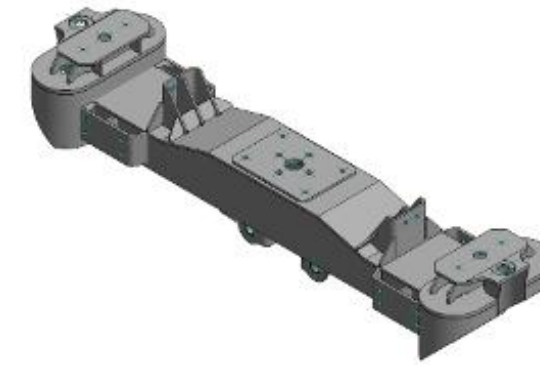
After completing the restoration, a final inspection confirmed the success of the repair, ensuring the frames met the customer requirements and safety standards.



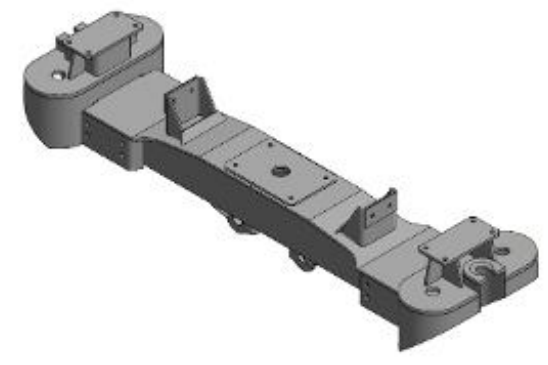
Manufacturing



KH-56



KHM-L



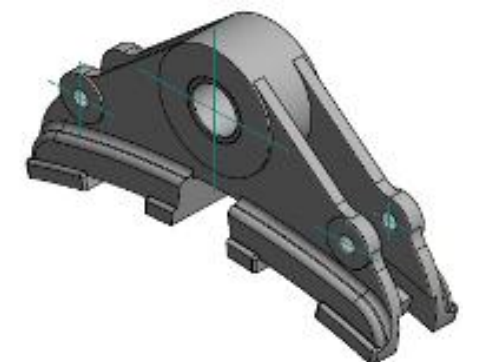
KW-20



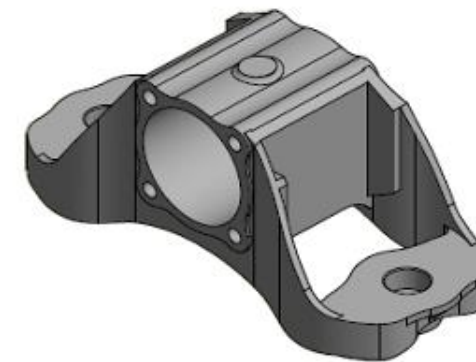
**Brake shoe head
JNR**



**Brake shoe head
TKZ-3**



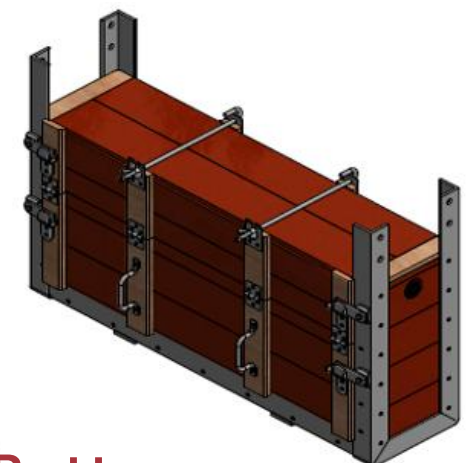
**Brake shoe head
KW-20**



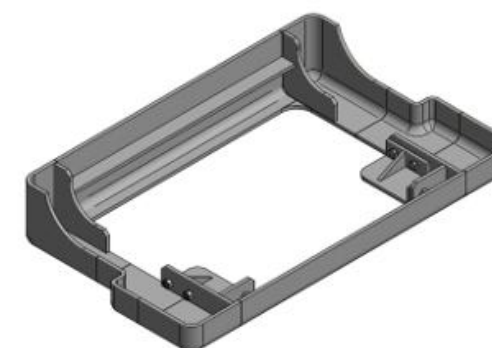
PC-24



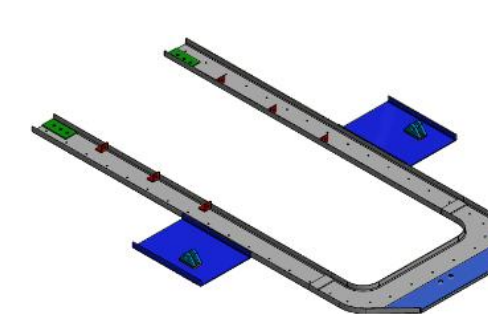
**Brake link
PC-24**



**Battery
box**



Buffing Plate



Door Assembly



**Brake pull rod
PC-25**

Beside repairing and maintenance services, we also manufacture essential parts of passenger car. Especially, the structural support parts that stabilize the trains, primary suspension (journal box) secondary suspension (Bolster, Upper&lower swing bolster), Center pivot, etc.

Our Strengths



Expertise In Railway Systems

With over 30 years of experience, we specialize in the maintenance, repair, and modification of railway components, ensuring reliable and efficient service.



Commitment To Quality

We uphold stringent quality standards in every project, from manufacturing to repairs, ensuring long-lasting, safe, and high-performance products.



Innovative Solutions

We embrace new technologies and sustainable practices, integrating cutting-edge solutions like solar energy into traditional systems for improved efficiency.

THANK YOU

2024



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