



Wheelsets



EN

Wheelset revisions

LOKO TRANS Slovakia, s.r.o. is a company focused on the repair of railway wagons and their components, with years of experience and a commitment to providing comprehensive services for customers.

The operational production process focuses on assessing the condition, conducting revision inspections, and repairing freight wagons and wheelsets to meet the requirements of external customers. With modern technical equipment, skilled personnel, and years of experience, we strive to achieve quality and customer satisfaction.

The repair process for freight wagons and wheelsets is tailored to the customer's requirements, and maintenance is performed according to the requested regulations.

The maintenance levels are carried out according to regulations and the defined scope:

Regulation	Maintenance Level
KVs5-B-2010	DO, DO1, D1, D2, D3, D4, D5
SÚNV version 4.1	ZSSKC revízia, revízia +
VPI-EMG 04	IS0, IL, IS2, IS3
VPI-EMG 01	IS0, IL, IS2, IS3



To ensure and achieve high quality in our operations, we utilize modern technical equipment, CNC machining tools, devices, and measuring instruments

Honor BNC 40120 Lathe
Machining of axles (repair of bearing journal, monoblock seat, support ring seat, and shaft)

VL 100C Lathe
Machining of wheel hubs (monoblocks)

RAFAMET UBF 112N Lathe
Machining of wheelsets (monoblocks)

VB 02 400t Press
Dismantling of wheelsets

TTK-SAF Blasting Equipment
Cleaning and removal of impurities from wheelsets

VERTA Painting and Drying Booth
Surface treatment of wheelsets (painting and drying)

MZZD-2500-R NDT Equipment
For the inspection of solid wheelsets, enables testing with or without monoblocks

Equipment for Assembly and Disassembly
Installation and removal of bearing chambers, bearings, and bearing rings



Production of wheelsets

The approved production process focuses on the manufacturing of new wheelsets for freight wagons using new components.

The components used are provided with complete technical documentation and are supplied by approved manufacturers. With modern technical equipment and experienced personnel, we ensure a production process at our facility that achieves the required quality and customer satisfaction.

We manufacture wheelset types according to the approved design types LTS 25t and LTS 23.5t/22.5t

Approvals for LTS 25t

1714/4/CD/2024/RST/CSEN/5590/V01
Quality Management System Approval

1714/1/CB/2022/RST/CSEN/4568/V04
EC Type Examination Certificate

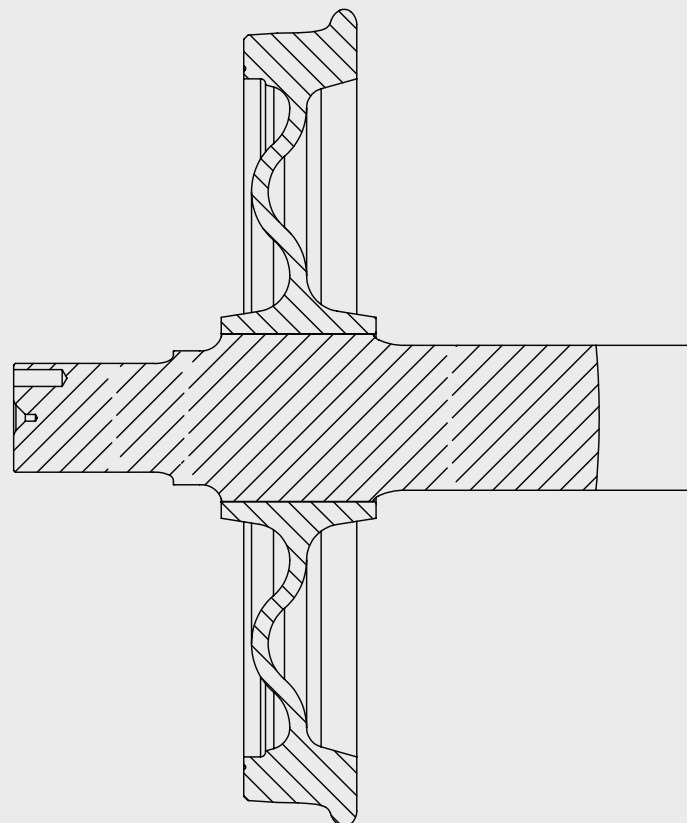
1714/1/CB/2022/RST/CSEN/4568/V04-T
NoBo-Conformity Assessment Report

Approvals for LTS 23,5t/22,5t

1714/4/CD/2024/RST/CSEN/5589/V01
Quality Management System Approval

1714/1/CB/2022/RST/CSEN/4566/V02
EC Type Examination Certificate

1714/1/CB/2022/RST/CSEN/4566/V02-T
NoBo-Conformity Assessment Report





Non-destructive testing

NDT is a technique used to assess the integrity of railway components and infrastructure without damaging the tested material.

These methods ensure the safety and reliability of railway systems. At LOKO TRANS Slovakia, we consider NDT a fundamental pillar of operational quality and safety.



Methods

Ultrasonic Testing (UT)

Utilizes ultrasonic waves to detect internal material anomalies.

Magnetic Particle Testing (MT)

Applies a magnetic field to the material – defects alter the magnetic field, allowing their identification.

Liquid Penetrant Testing (PT)

Uses a penetrant liquid that seeps into surface cracks, making defects visible after applying a developer.

Visual Testing (VT)

A fundamental method employing visual inspection to identify surface irregularities.

LOKO TRANS Slovakia, s. r. o., Cintorínska 57, 942 01 Šurany, Slovakia Company ID Nr.: 36551261 Tax ID Nr.: 2020142289 VAT ID Nr.: SK2020142289
Phone: +421 35 650 70 80 Email: lokotrans@lks.sk Web: lokotranslovakia.sk

