

WIKOV.COM

Rail Vehicle Industry

ADVANCED SOLUTIONS
FOR RAIL VEHICLES



IRIS 
Certification

 **WIKOV**

01

LIGHT RAIL VEHICLES

- Low floor trams
- Partially low floor trams
- High floor trams
- Tram-trains

02

METRO & SUBURBAN APPLICATIONS

- Metro units
- Electric multiple units
- Diesel multiple units

03

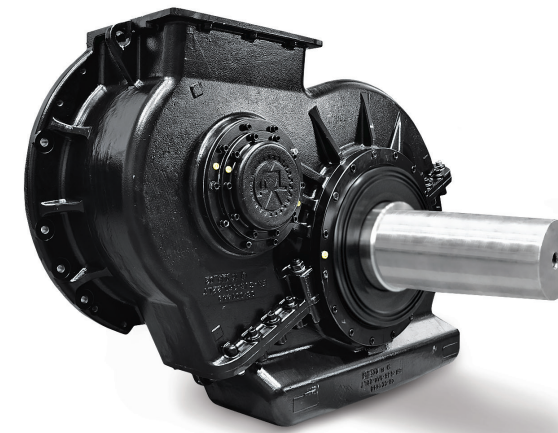
LOCOMOTIVES

- Electric locomotives
- Diesel-electric locomotives

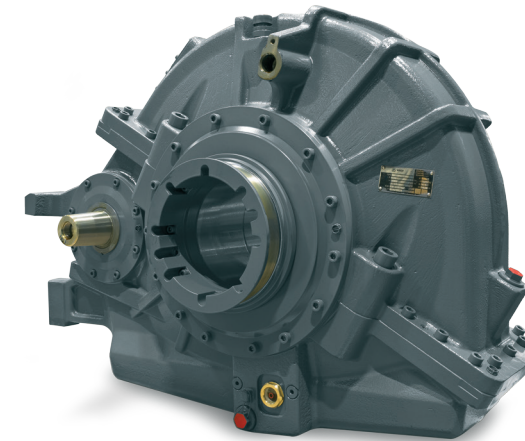
04

OTHER MASS TRANSPORT VEHICLES

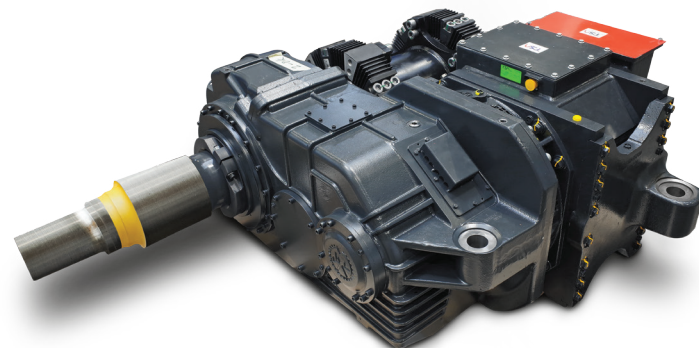
- Monorails
- Trolleybuses
- Hybrid and electric buses



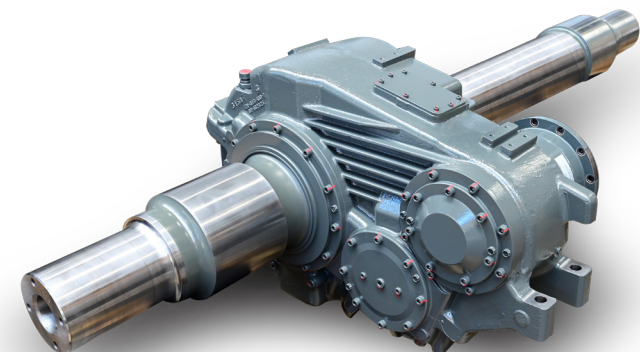
Electric locomotive gear unit



Metro unit gearbox

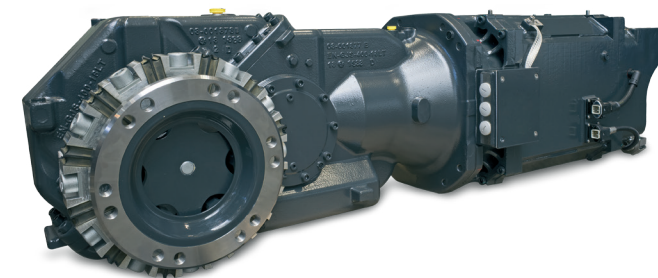


Electric multiple unit complete drive

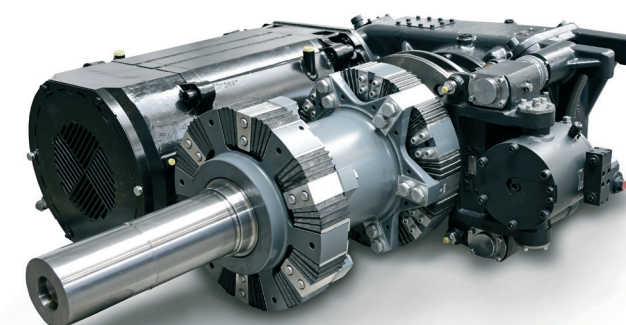


Electric multiple unit gearbox

Solutions for light rail vehicles, metro & suburban applications, locomotives and other mass transport vehicles



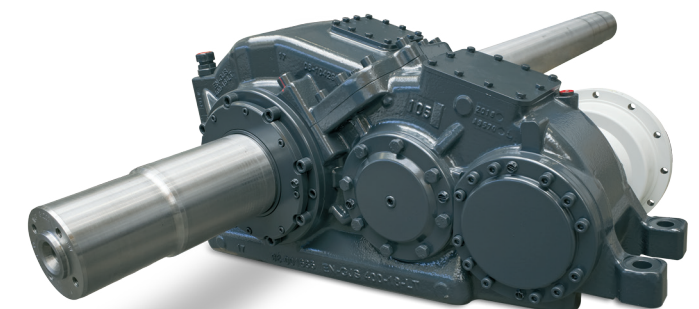
Fully low floor tram complete drive



Partially low floor tram complete drive



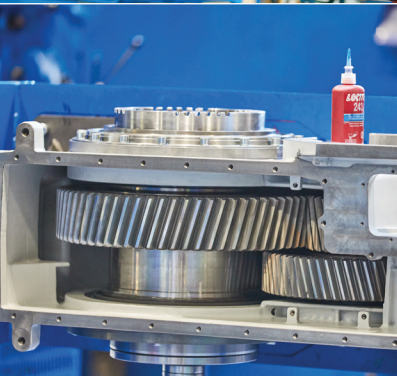
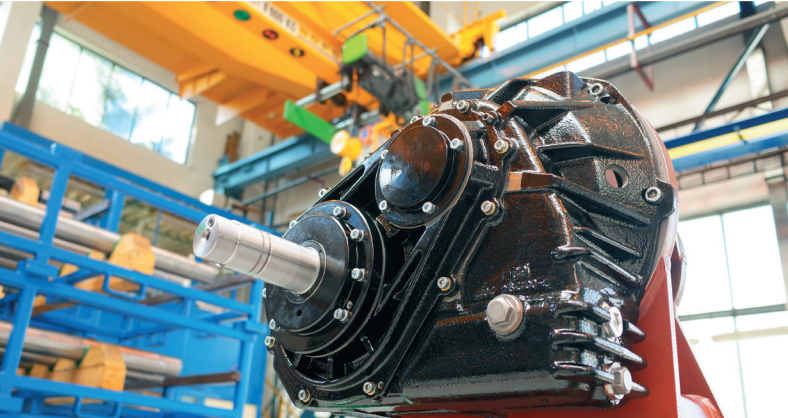
Trolleybus gearbox



Fully low floor tram gearbox

WIKOV - THE ESSENCE OF ENGINEERING

- Flexible in design and delivery
- Extremely fast gear unit prototyping
- From one prototype to large series production
- Engineering competence
- Gear manufacturing tradition since 1918
- Complete drive train solution (gear units, couplings, traction motor, brakes)
- Extensive test facility up to 1.4 MW and simulated dynamic load 300 m.s⁻²
- Cold climate chamber test for design verification of drive operating in extremely cold conditions
- Extensive aftermarket services including repairs, preventative maintenance, inspections and overhauls



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Wikov Manufacturing Facility

Wikov designs, manufactures, supplies and services a wide range of drive solutions for the rail vehicle industry. We offer customized solutions to meet your specific needs, including drives suitable for extremely cold conditions. Our success is based on the experience we have gained over our 140-year history, our international team of R&D specialists and our state of the art production technologies. These main pillars allow Wikov to design and engineer the best solution for you by maximizing functional and economical parameters of your application.



The Essence of Engineering

