NewPower

REPOWERING DIESEL BUSES AND TRUCKS WITH PROVEN ELECTRIC POWERTRAINS

NewPower by Wrightbus offers a groundbreaking solution by repowering mid-life diesel buses and trucks, making it more affordable to decarbonise and improving air quality in cities. Wrightbus, the first bus manufacturer to launch repowering at scale, introduces NewPower to accelerate the decarbonisation of bus and truck fleets across the UK, ensuring zero carbon emissions on all journeys.

WRIGHT™

newpower.com

19T BEV TRUCK SMARTER. CLEANER. MORE AFFORDABLE.

Up to 60% Less Than New

Repowered trucks cost up to 60% less than a brand-new zero-emission truck – making sustainable transport more accessible than ever.

Better Than Diesel on TCO

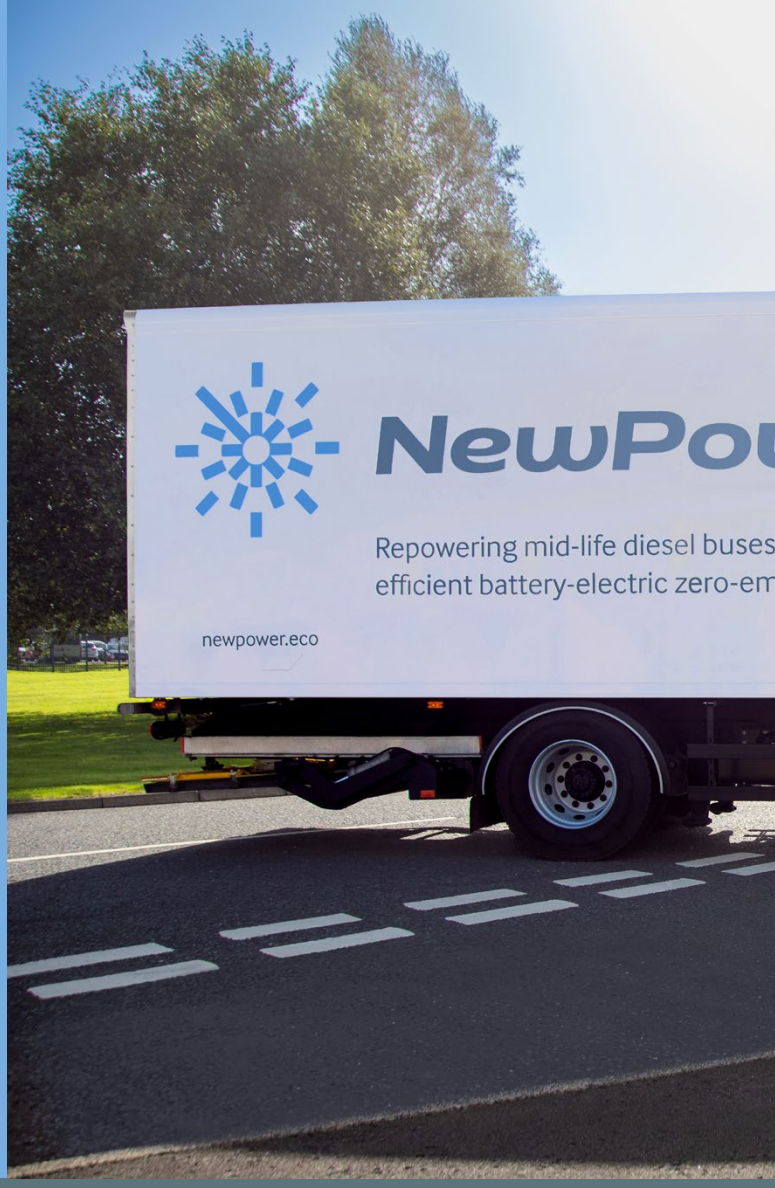
Enjoy up to 10% lower Total Cost of Ownership compared to a comparable diesel truck. Save more while running cleaner.

Future-Proof Drivetrain

Our replacement drivetrain framework includes advanced battery modules and a secure battery cradle, built for performance and reliability. This drivetrain has covered over 125million miles in our 3,000 zero emission buses.

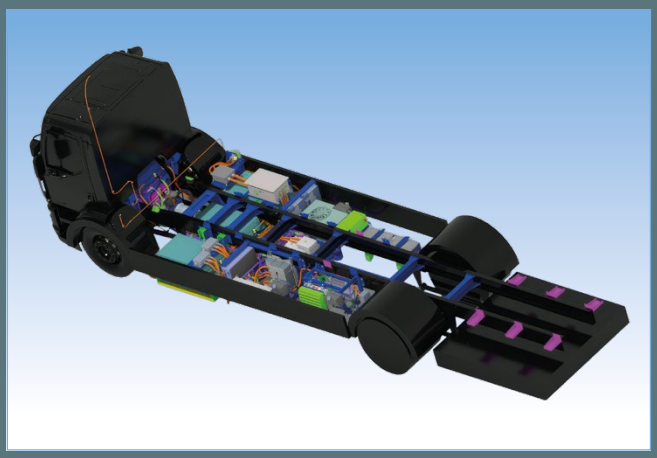
Cleaner Air, Lower Costs

Cut emissions, reduce expenses, and help create cleaner, healthier cities. Repowered trucks deliver both economic and environmental wins.



TECHNICAL SPECIFICATION

- 11,250 Kg chassis payload excluding body
- 282 kWh battery
- 160 mile / 257 km range
- 50 min charge time (20-80% 150kW)
- Voith VEDS 1.0 MD motor and inverter (Standard Wrightbus part)
- Voith charge controllers and DC to DC (Standard Wrightbus part)
- CATL BC3 282kWh (Standard Wrightbus part)
- Graysons BTMS
- Graysons cab heater



- Coolant fan water pump Graysons (Standard Wrightbus part)
- eAir compressor (Standard Wrightbus part)
- PAS pump (Standard Wrightbus part)
- 90% cross over parts by value from proven Wrightbus powertrain

TOTAL COST OF OWNERSHIP

- New diesel truck vs 5-Year-old repower truck
- 10% better than diesel truck per kilometer
- 76% wheel to wheel CO2 reduction
- Payback 3 years

Vehicle

3 years | 100,000km

e – Drive

3 years | 100,000km

Battery

8 years | 800,000km

THE NEWPOWER ADVANTAGE

- Less than half the price of a new EV Truck
- Keep your tailored truck body and save costs
- Accelerating decarbonisation of your truck fleet and achieving decarbonisation targets
- Repowering 19t trucks from diesel to electric reduces 70 tons of carbon per truck per annum
- Improved air quality in the communities served
- Turn around in 3 weeks
- The first major OEM to offer this solution, Wrightbus homologate and cover the powertrain with OEM warranties
- Option to refurbish the truck: repaint, new upholstery, interior refurbishment by our sister division New Life
- Diesel powertrain can be refurbished and returned to the depot as parts as backup spare parts for your remaining diesel fleet

newpower.eco

RECHARGING SOLUTIONS

Together with Ryze Power, we provide the confidence that your transition to zero-emission transport is fully supported – from drivetrain to charging:

- **Proven Expertise** – Ryze Power brings industry-leading knowledge in charging solutions.
- **Flexible Options** – From depot chargers to rapid-charging stations, tailored to your operational needs.
- **Smarter Energy Use** – Intelligent charging management that reduces costs and optimises performance.

RYZE POWER
Energy Transition Experts

NewPower factory in Bicester where buses and trucks are repowered.

NewPower

For more information:
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HydraB NewPower is a HydraB Power Company

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