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HINO HYBRID ELECTRIC SERIES



NEW ZEALAND'S ONLY HYBRID ELECTRIC TRUCK

THE POWER OF CHANGE: HINO HYBRID ELECTRIC

The world and business operating conditions are changing. Adapt and gain a genuine competitive advantage with New Zealand's only Hybrid truck, the Hino 300 Series Hybrid Electric. Powerful, comfortable, and 100% self-charging: With no recharging or range limitations, it delivers you up to 20%* fuel and emissions reductions, day in and day out. That's in addition to a 16% reduction in maintenance costs. The entire Hino Hybrid Electric range is driven by Toyota Group technology, the same technology proven in over 20 million vehicles worldwide. That's the power of change, that's the Hino Hybrid Electric.



*Actual results will vary depending on the application of the vehicle and how it is driven. Image is for illustrative purposes only and may not match the locally available vehicle.

THE POWER OF INDUSTRY-LEADING SAFETY



Today, safety is one of the most vital factors when choosing a new truck for both owner-drivers and fleet managers. Rest assured, the Hino Hybrid Electric is one safe truck — in fact, as a proud member of the Hino 300 Series, light-duty range, it is New Zealand's safest hybrid electric truck, thanks to Hino SmartSafe. A comprehensive safety package with advanced driver-assist technology that takes an active focus in protecting the lives of all road users. These advanced safety features are engineered as standard inclusions, not optional extras.

Lane Departure Warning System (LDWS)*

Alerts the driver both visually and audibly if the truck is deviating from its lane without the turn indicators being activated.

Pre-Collision System (PCS)*

The system can detect a vehicle in front using radar and image sensors. Should it detect the possibility of a collision, it can warn the driver to apply the brakes using both visual and audible alerts. If the system determines imminent collision, it can autonomously apply the brakes to mitigate damage.

Pedestrian Detection (PD)*

Can detect a pedestrian in front of the vehicle. If the system senses the possibility of a collision, it will warn the driver to apply the brakes using both visual and audible alerts. If the system determines imminent collision, it can autonomously apply the brakes.

Reverse Camera

Waterproofed from the elements, it offers wide view, high definition vision, along with infrared night vision. The system also features a microphone with volume control which allows the driver to hear their surroundings.

Vehicle Stability Control (VSC)*

VSC can prevent the truck from rolling over, understeer, or oversteer situations when entering or exiting a corner too fast by monitoring the steering angle, wheel rotation speed, yaw rate and lateral G forces. VSC is also able to enhance vehicle stability on slippery surfaces by autonomously reducing engine power and applying the brakes to individual wheels, helping to prevent the truck from sliding.

Image is for illustrative purposes only and may not match the locally available vehicle. Photographs are representative only and may not reflect actual vehicle colours, accessories, or option packages. Please check with your dealer regarding colour order and timing for delivery.

*The driver remains solely responsible for driving safely. This safety system is a secondary aid to assist the driver and has limitation in recognition and performance. Please refer to the Hino 300 Series Owner's Manual for details on system operation and functionality.

THE POWER OF HYBRID ELECTRIC AT WORK

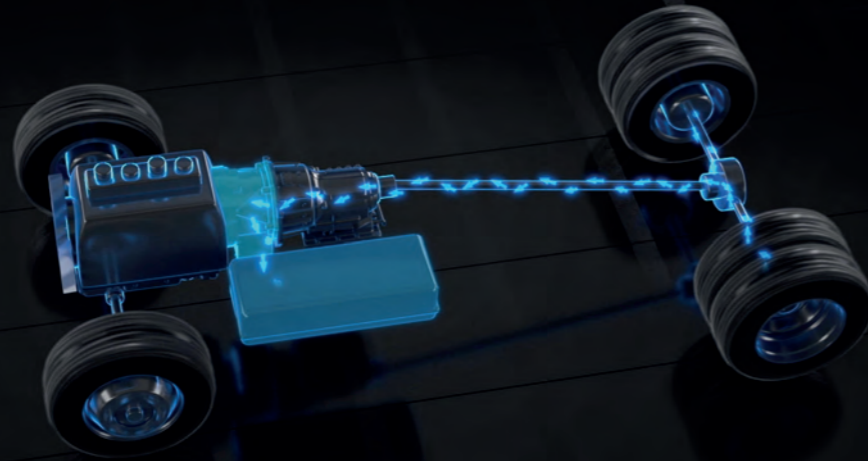


Experience unmatched efficiency with the Hino 300 Series Hybrid Electric light-duty truck. Powered by advanced Toyota Group technology, this hybrid marvel seamlessly combines diesel and electric power to optimise efficiency for every driving condition. From effortless start-ups to fuel-efficient cruising and regenerative braking that recaptures energy, the Hino Hybrid Electric is designed to reduce operational costs. The intelligent hybrid driveline captures otherwise wasted kinetic energy during deceleration and then uses it during acceleration, while the system smartly switches between diesel and electric modes for maximum efficiency. This innovative system ensures your vehicle operates at peak efficiency, making it the perfect solution for your business.



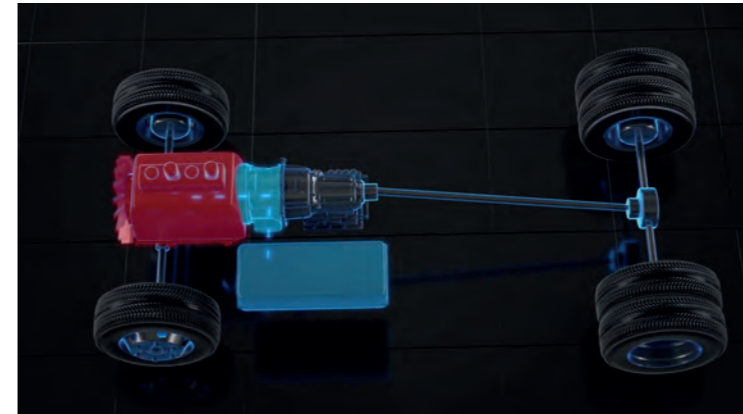
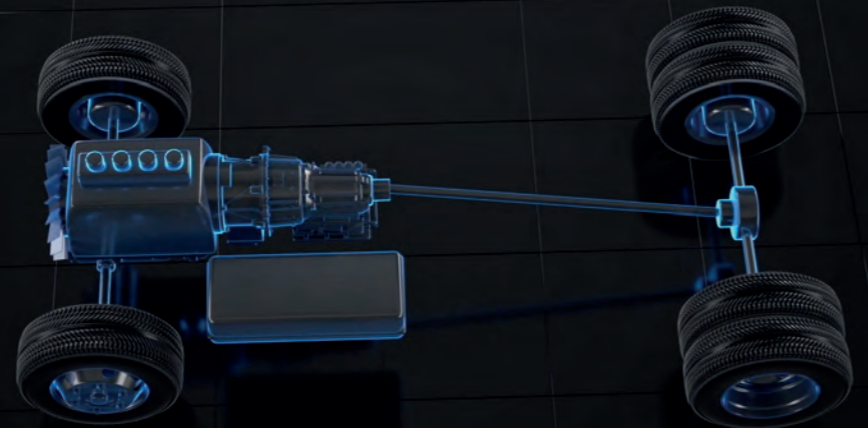
Power Source

The kinetic energy from the moving vehicle is converted to electric power by the hybrid motor upon deceleration. It is stored in the batteries where it remains until the intelligent hybrid driveline determines a requirement for use during acceleration.



Idle Stop

When the vehicle comes to a stop with the brake pedal applied, the diesel engine can automatically stop, eliminating unnecessary fuel consumption. When the brake is released, the engine restarts.



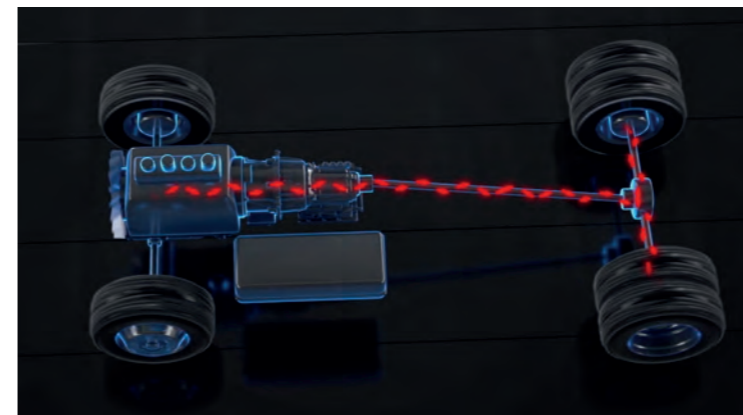
Start Up

Start up of the diesel engine is performed by the hybrid electric motor, eliminating the need for a traditional starter motor.



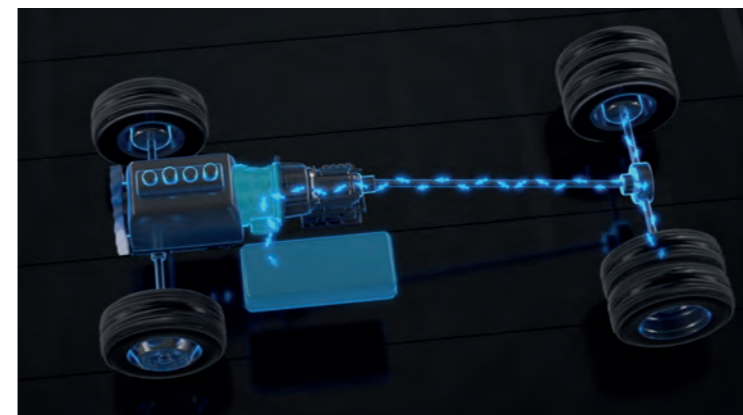
Acceleration

The hybrid system continually analyses the vehicle operating conditions and the status of the hybrid battery, and can intelligently switch between the diesel engine alone, or a combination of the diesel engine and the electric motor.



Cruising

When cruising, the hybrid system switches to diesel engine only as this is its most fuel-efficient state.



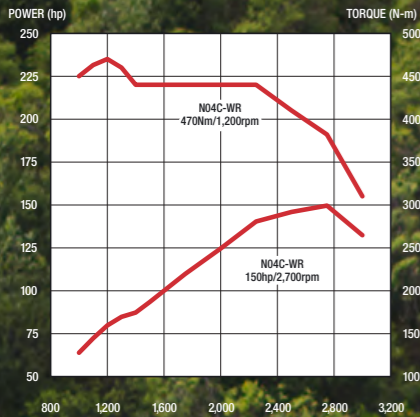
Deceleration

During deceleration, the hybrid electric motor switches to generator mode, also able to act as an auxiliary brake while converting the kinetic energy of the moving vehicle into electric power to be stored in the hybrid battery.

THE POWER OF CLASS-LEADING PERFORMANCE

Up to 20%¹ lower CO₂ emissions, enhanced performance, big fuel and maintenance savings. That's the power of the self-charging Hino Hybrid Electric. It features a parallel hybrid design utilising an electric motor and a diesel engine, intelligently switching between the two for maximum efficiency, and a proven Toyota Group nickel metal hydride battery. Keeping your business powering is the Hino N04C-WR four-cylinder, common-rail injected diesel engine. It produces a hefty 150hp (110kW) and 470 Nm of torque – delivered in combination with the electric motor, maximum torque is available at a very low 1200rpm. Efficiency is further increased by the six speed automated transmission directly coupled to the electric drive motor, ensuring smoother take-offs and faster, easier gear shifts. This driveline combination helps deliver substantial fuel savings.

**POWER & TORQUE CHART
(ISO NET) N04C-WR**



¹Actual results will vary depending on the application of the vehicle and how it is driven.

THE POWER OF COMFORT AND TECHNOLOGY

Welcome to a cabin designed around the driver, for the driver. Advanced ergonomics are applied throughout, notably the dash layout, storage areas, steering wheel controls and the fully adjustable, optimum comfort driver's seat. An innovative multimedia unit with, 10.1" touch screen connects, informs and entertains like never before. The steering wheel can be easily tilted and repositioned telescopically for maximum comfort. The Hino Hybrid Electric: Cutting edge technology combined with superior levels of comfort for a workspace every driver will thrive in.

Air Conditioning
All models have factory-fitted air conditioning.

Driver's Seat
All models fitted with an ergonomically designed driver's seat for maximum comfort. All Wide Cab models include a suspended driver's seat.

Multimedia Unit
10.1" UXGA capacitive touch screen
Wireless Apple CarPlay & Android auto compatible, AM/FM+RDS/DAB+ Radio, Bluetooth 5.0 Phone & Audio, Input for up to 6 cameras, USB 2.0 & 3.0, 2.4 Ghz Wi-Fi enabled.

Steering
Tilt and telescopic steering column is easily repositioned for optimum driver comfort. Designed with an energy-absorbing steering wheel to protect the driver.

Interior Ergonomics
Designed with the driver in mind. Optimal dash layout, steering wheel, multimedia & vehicle function controls offer enhanced driver comfort.

Storage
Multiple bottle holders are located throughout the cab and the dash has been designed with open storage areas for many smaller items. The centre passenger seat can be folded down to be used as a paperwork tray. Overhead consoles are provided on both the driver and passenger sides.

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For further information please visit hino.co.nz or call **0800 367 446**.

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