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藏书章

THE NEW CANTER ECO HYBRID

Green light for efficiency

All for you



ECONOMY AND ENVIRONMENTAL COMPATIBILITY COMBINED

When top European quality and the height of Japanese technological innovation come together to meet today's road transport challenges, the result is bound to be exceptional: the new Canter Eco Hybrid

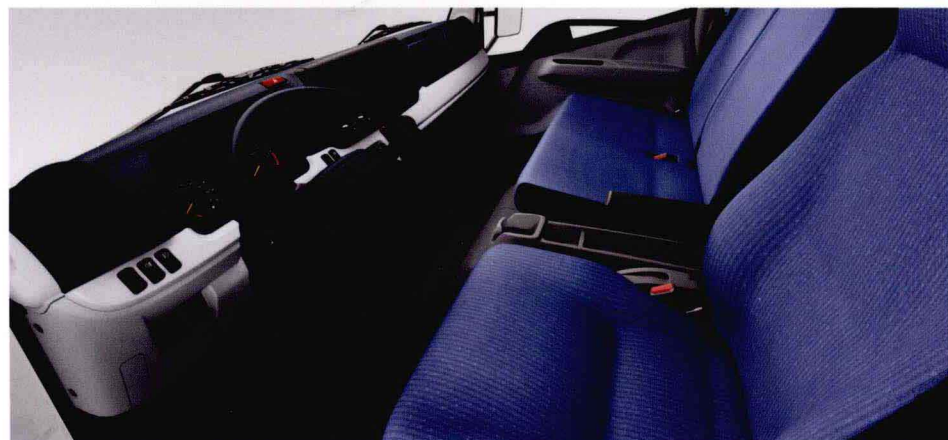
The Canter Eco Hybrid is yet another milestone in the 20-year history of hybrid development at FUSO and Daimler. It is also the ideal product for you, as an operator in the private or public sector, to put your fleet on a more economical footing while making a significant contribution to protecting the environment. A three-year fleet test has shown that, in urban traffic in particular, the Canter Eco Hybrid makes it extremely easy to save fuel and costs. On every trip.

The powerful hybrid drive featuring energy recovery and a start/stop system as standard makes it possible for the Canter Eco Hybrid to achieve fuel savings of up to 23% – a reduction which also results in lower CO₂ emissions. DUONIC®, the world's first dual-clutch automated transmission for trucks, enables efficient, smooth shifting with no interruption in tractive power.

And because the Canter Eco Hybrid is still a genuine Canter, it impresses with its high payload and a turning circle that is ideally suited to the demands of urban use. What's more, it offers an excellent standard of ride comfort.



With a chassis load capacity of almost 5 t, the Canter Eco Hybrid is in a class of its own. In fact, the corrosion-protected and weight-optimised frame opens up payload handling possibilities which are otherwise to be found only in the 8.5 t truck segment while allowing you to enjoy all the advantages of its compact dimensions



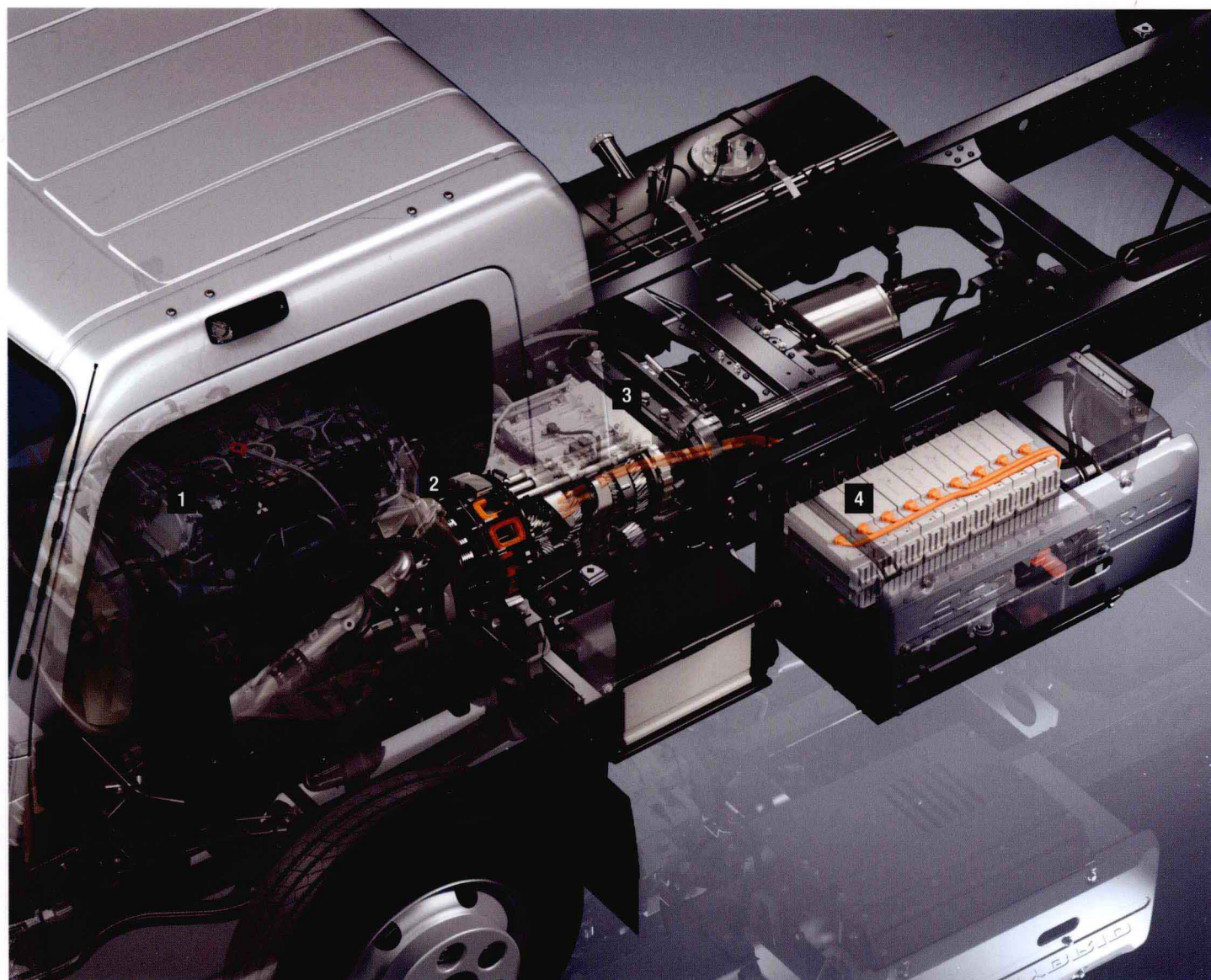
Its flexibility in accommodating different body types makes the new Canter Eco Hybrid a specialist for a huge range of applications in urban and short-range use – from delivery truck to municipal service vehicle. But regardless of how you intend to use it, the Canter Eco Hybrid impresses with its flexibility and efficiency – and, of course, with its comfortable, ergonomically designed cab



ON THE ROAD TO MAXIMUM EFFICIENCY

The Canter Eco Hybrid also sets standards with its technical characteristics. Its unbeatable combination of an efficient 3-litre engine and a powerful electric motor delivers extremely impressive performance along with outstanding economic efficiency. You also benefit from the DUONIC® dual-clutch transmission and the standard start/stop function – especially in stop-and-go traffic.

And best of all, after a few years you will have recouped the additional outlay for the hybrid drive thanks to the increased fuel efficiency – yet another example of the unique benefits offered by the Canter Eco Hybrid.



1 Diesel engine

2 Electric motor

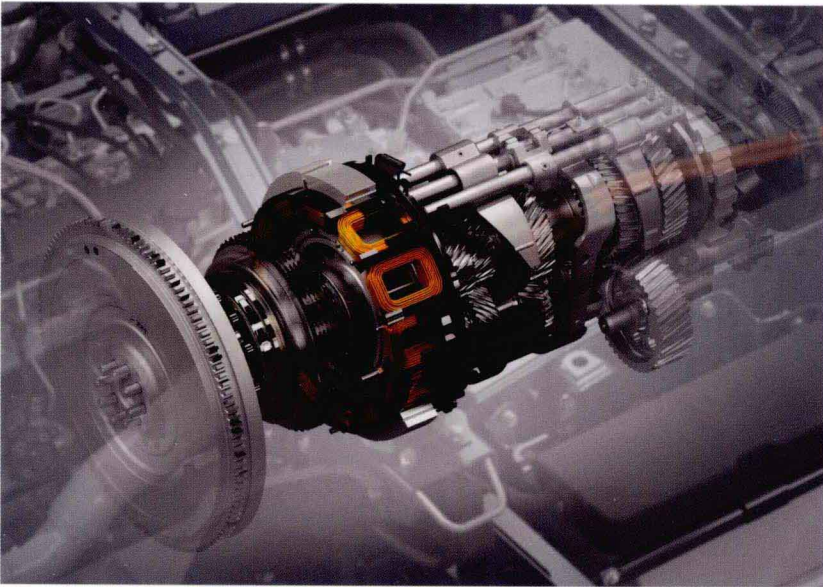
3 DUONIC® dual-clutch transmission

4 2 kWh lithium-ion battery

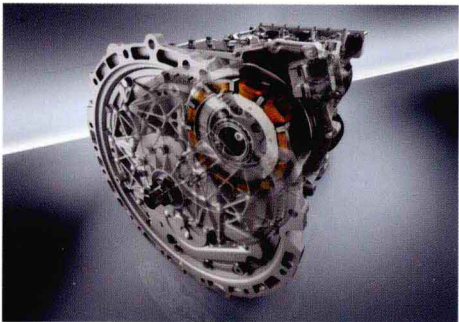
Save fuel while driving and recover energy for the electric motor when braking – this is the basic principle of the parallel hybrid drive. During braking, energy is recovered and stored in the battery for use by the electric motor when it is called on to assist the combustion engine when moving off or accelerating. Used in combination with the start/stop function, which switches the combustion engine off when the vehicle is stationary and starts it again imperceptibly when the vehicle moves off again, this drive concept enables fuel savings of up to 23%.

As the hybrid variant of the Canter is also designed to deliver top performance, we have teamed its efficient 3-litre diesel engine with a powerful electric motor with a rated output of 40 kW/200 Nm. This draws its power from a durable 2 kWh lithium-ion battery to ensure that you can benefit from the savings offered by the hybrid drive over the long term. In fact, it's so durable that we are able to grant up to ten years' warranty cover on the principal battery components.

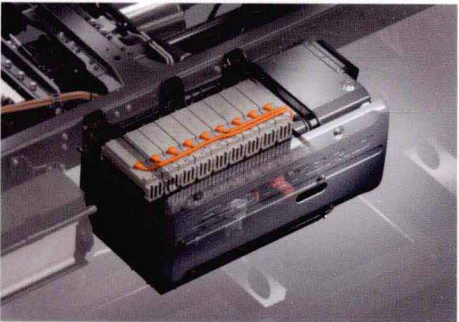
The wear-resistant and low-maintenance DUONIC® dual-clutch transmission combines the convenience of an automatic with the dynamics and efficiency of a manual transmission. As each ratio is selected, the drive torque is transmitted alternately by each of the two clutches, one engaging as the other disengages. As there is no interruption in tractive power, you benefit from extremely smooth gear changes, significantly greater efficiency and enhanced comfort.



The DUONIC® transmission's ability to deliver jolt-free gear changes with no interruption in tractive power makes it the perfect partner for a comfortable driving experience. What's more, the parking lock function ensures that your Canter Eco Hybrid can be parked securely. The crawler function allows you to move your vehicle slowly and surely without having to operate the accelerator – an ideal feature for stop-and-go traffic or when manoeuvring cautiously



In addition to its high regenerative capacity and wide torque bandwidth, the ultra-slim electric motor/generator impresses above all with its compact design and its highly effective interaction with the combustion engine



The 2 kWh lithium-ion battery in the Canter Eco Hybrid is an investment that pays. Our optional warranty extension allows you to safeguard it



The easily legible hybrid display keeps the driver informed about the current charge status while the energy flow indicator shows when power is being consumed or recuperated. This feedback provides the basis for continuous optimisation of the driving style



ALWAYS ON THE SAFE SIDE

Decades of experience, visionary thinking and the highest standards of quality and functionality ensure that you can count on your vehicle from day one in every respect – including, of course, service, financing and insurance.

Because success depends on more than just a good vehicle. Trouble-free maintenance, fast provision of parts and a close-knit service network ensure maximum uptime and so contribute to the overall cost-effectiveness of your vehicle. This is why we attach great importance to offering you a level of service which not only meets all your requirements, but does so throughout the entire life cycle of your vehicle.

Our wide range of financing and insurance solutions is a key factor in our comprehensive service philosophy. Through our partnership with internationally recognised commercial vehicle financiers we are able to offer you solutions optimised for the requirements of your field of activity. As well as providing a convenient, single point of contact for your financing and insurance needs, we are able to offer attractive terms tailored to your business.

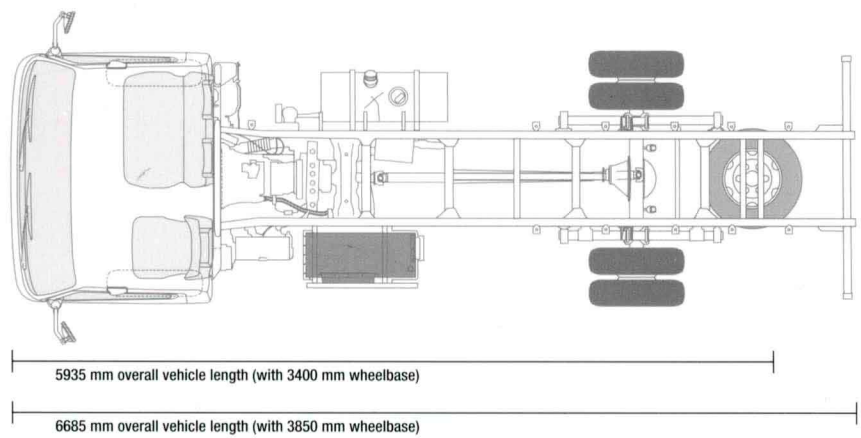
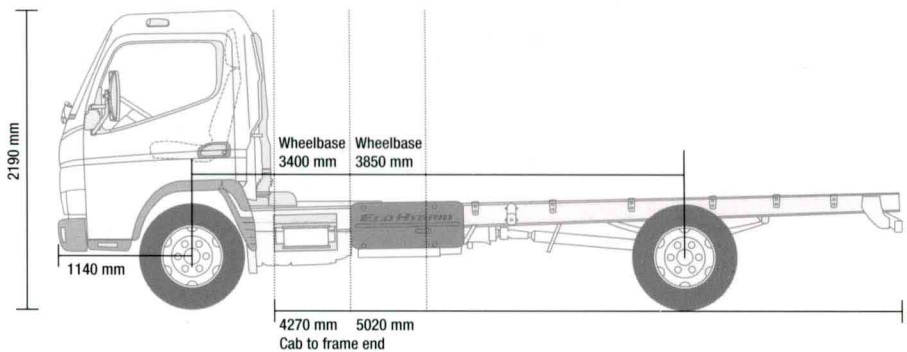
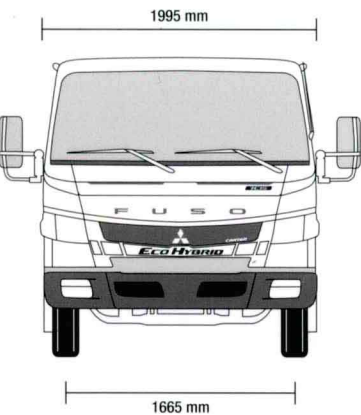
Please contact your FUSO dealer who will be pleased to advise you on the basis of your specific requirements.



THE CANTER ECO HYBRID AT A GLANCE

7C15 Eco Hybrid		
Perm. GVW (kg)	7500	
Perm. GCW (kg)	11,000	
Engine type	Water-cooled four-stroke diesel with turbocharger, direct injection and intercooler	
Engine	110 kW (150 hp)/370 Nm	
Electric motor	40 kW/200 Nm	
Hybrid-drive battery	Lithium-ion 270 V/2 kWh	
Transmission	DUONIC® dual-clutch transmission – automated manual transmission	
Cab type/seats	Single comfort cab/3	
Perm. front axle load (kg)	3100	
Perm. rear axle load (kg)	6000	
Wheelbase (mm)	3400	3850
Kerb weight (kg)	2655	2680
Chassis load capacity (kg)	4845	4820
Overall length (mm)	5935	6685
Overall width (mm)	2030	
Overall height (mm)	2190	
Cab to frame end (mm)	4270	5020
Max. body length (mm)	4855	5575
Turning circle – wall to wall (m)	13.8	15.2

3400 mm and 3850 mm wheelbase



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