



# CANTER 7C15 ECO HYBRID RHD

## Dimensions

Model	Vehicle model	7C15	
	Cab type / crew	Comfort, single cab / 3	
	Model variant	46836522	46836722
	FUSO model code	FEB74ER3SEU3	FEB74GR3SEU3

## DIMENSIONS mm

Wheelbase		3400	3850
Overall length		5935	6685
Cab length			1625
Width overall			2025
Cab width			1995
Height overall			2190
Track width	Front / rear		1665 / 1560
Frame height (at end of frame)			830
Ground clearance			185
Cab to rear axle		2875	3325
Cab to end of frame		4270	5020
Max. body length**		4985	5725
Frame width			750
Front overhang			1140
Rear overhang		1395	1695
Front axle to front of body			625
Recommended distance cab to body			100

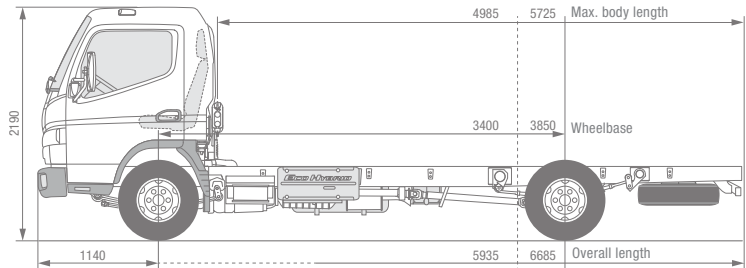
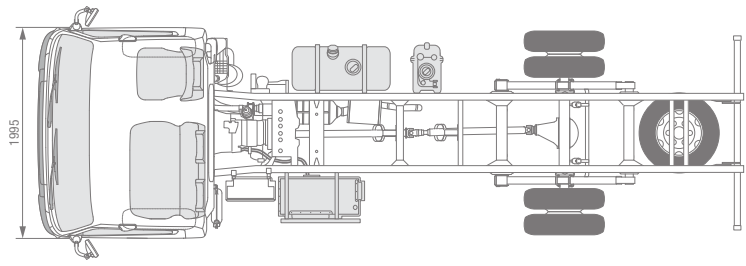
## WEIGHTS kg

Empty weight*		2695		2710	
	Front* / rear*	1745	950	1750	960
Minimum vehicle weight		2800			
Gross vehicle weight / gross combination weight		7490 / 10,990			
Axle loads	Front / rear	3100 / 5990			
Towed weight	Braked / unbraked	3500 / 750			
Chassis load bearing capacity		4805		4790	

## CALCULATED OUTPUT

Max. speed	km/h	130	
Max. climbing ability	(tan q)%	29.5	
Min. turning circle (m)	Kerb to kerb	12.2	13.8
	Wall to wall	13.8	15.2

\* including coolant, oil, 90% fuel, tyre sealant, tools and driver weighing 75 kg; \*\* calculated maximum value. Should be checked depending on the body installed and the particular application  
Subject to change without notice. The information in this data sheet should be considered approximate. The illustrations may show accessories and special equipment not part of the standard specification. This data sheet may also contain models and support services not available in certain countries.





HYBRID COMPONENTS		
Electric motor	Type	Permanent-magnet three-phase synchronous motor
	Peak output/ Torque	40 kW / 200 Nm
Battery	Type	Lithium-ion
	Voltage / capacity	270 volt / 2 kWh
Cooling	Electric motor	Automatic transmission fluid
	Battery / inverter	Air / water

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### Engine/Drivetrain/Chassis

#### ENGINE (Euro VI)

Type	Water-cooled four-stroke diesel engine with turbocharger, intercooler and direct injection		
No. of cylinders	4/in-line		
Capacity	2998 cc		
Peak output	110 kW (150 hp) / 3500 rpm		
Rated torque	370 Nm / 1320 rpm		
Diesel particulate filter	Service life approx. 300,000 km		
Alternator	Alternating current 12V, 140A		
Exhaust gas aftertreatment	SCR + DPF		
Fuel consumption	Total	Dependent on chassis equipment and installed bodies	
Emissions	Total	Dependent on reference dimension	
PTO (optional)	Type	31 kW with flange	31 kW for directly connected pumps
	Torque at peak output [Nm]:	196 Nm	
	Gear ratios	1:0.655 / 1:0.644	
	Engine speed at peak output	1500 rpm	

#### POWERTRAIN

Transmission	Model	DUONIC® 2.0: Automated transmission with dual clutch, 6 forward speeds and 1 reverse gear	
	Gear ratio	5.397 - 3.788 - 2.310 - 1.474 - 1.000 - 0.701 Rev. 5.397	
Final reduction gear	Ratio	4.875	

#### CHASSIS

Front axle / rear axle	Model	F350T / R035T	
	Load-bearing capacity	3100 kg / 6000 kg	
Tyres		205/75R17.5C 122M	
		Single tyres at front, twin tyres at rear, tyres with optimised rolling resistance	
Wheel		17.5 x 6.00 - 127 - 9t - 6 wheel bolts	
Steering		RHD	
		Recirculating-ball steering with power assist, tilting telescopic steering column with steering-wheel lock	
Brake	Service brake	Hydraulic with vacuum power assist, dual-circuit with load-dependent brake proportioning valve at rear wheels	
	Front / rear	Disc brake (252 x 40)	
	Parking brake	Mechanical expanding brake on drive shaft at rear of transmission	
	Auxiliary brake	Exhaust brake (50 kW)	
Suspension	Front / rear	Semi-elliptic leaf spring with shock absorber	
Frame	Type	Ladder-type frame with reinforcements and crossmembers	
Fuel tank capacity		100 litres	
Electrical system – batteries		12 Volt (100AH-760A(EN))	