



CANTER 7C15 ECO HYBRID LHD

Dimensions

Model	Vehicle model	7C15	
	Cab type / crew	Comfort, single cab / 3	
	Model variant	46872512	46872712
	FUSO model code	FEB74EL3SEU7	FEB74GL3SEU7

DIMENSIONS mm

Wheelbase		3400	3850
Overall length		5935	6685
Cab length		1625	
Width overall		2025	
Cab width		1995	
Height overall		2210	2210
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	

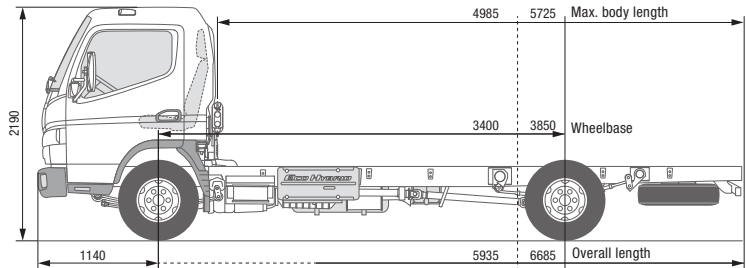
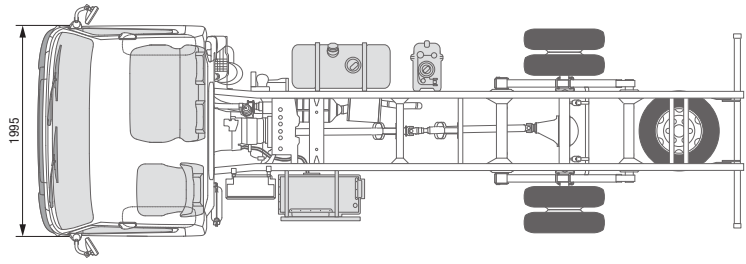
WEIGHTS kg

Empty weight*		2705		2720	
	Front* / rear*	1750	955	1755	965
Minimum vehicle weight		2800			
Gross vehicle weight / gross combination weight		7490 / 10,990			
Axle loads	Front / rear	3100 / 5810		3100 / 5740	
Towed weight	Braked / unbraked	3500 / 750			
Chassis load bearing capacity		4785		4770	

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
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		LHD
		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))