

eCANTER

100% ELECTRIC

ADVANCED
SAFETY
SYSTEMS



Advanced Safety

Active Emergency Braking System
Lane Departure Warning System
Electronic Stability Control



Battery

81kWh lithium ion

100km-150km range*

80% charge in 45mins

**(depending on operating conditions)*



Power / Torque

135kW / 390Nm

Electric motor with two-stage regenerative braking



GVW / Payload

eCanter 8 – 7,490kg / 3,500kg

eCanter 6 – 5,995kg / 2,000kg

Payload is dependent on body type

SPECIFICATIONS - eCANTER 8

MODEL

4x2 e8 WIDE CAB EV POWERTRAIN FEB7UERBSFA2

WHEELBASE (mm)

3,400 (E)

GVM (kg) (optional)

7,490 (5,995)

GCM (kg)

N/A

ELECTRIC COMPONENTS

Motor	129kW / 390Nm permanent magnet
Drive Battery	420 Volt max 81kWh (6x13.5kWh Li-Ion batteries)
Cooling System / Oil Cooler	Batteries temperature-controlled by water circuit Motor oil-cooled
Transmission	Single speed
Emission Level	Zero emission

CHARGING

DC Charging	Max 50kW with CCS Type 2 Plug Charge time: 45mins to 80% 80 mins to 100%
AC Charging	Max 7.2kW / 32Amps with Type 2 Plug Charge time: 9hrs to 100%
AC Charge Cable Supplied	32A Single Phase 5 metre cable with controller
Charging Port	Located on chassis behind RH front wheel Emergency isolation button

ELECTRICAL LOW VOLTAGE SYSTEM

Voltage	12V negative earth
DC/DC Generator	12V / 210 Amp
Battery Specification	Heavy-duty 100AH – 760A x2
Headlamp Type	Halogen
Day Time Running Light	Standard
Fog lamp in bumper	Standard

FRONT AXLE

Axle Version	FUSO 'I' Beam
Max Operating Capacity (kg)	3,100

FRONT SUSPENSION

Type	Taper leaf spring with stabiliser bar and double-acting shock absorbers
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REAR AXLE

Axle	FUSO D035 full floating banjo
Ratio	6.666:1
Max Operating Capacity (kg)	5,990

REAR SUSPENSION

Type	Multi leaf spring with stabiliser bar and double-acting shock absorbers
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STEERING

Electric Power Assisted	Tilt/telescopic adjustable steering wheel
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BRAKES

Type	Hydraulic dual circuit with front and rear twin caliper discs
Features	ABS + EBD + EBS Brake priority system
Park Brake	Transmission mounted

WHEELS AND TYRES

Wheel Size	205 / 75R17.5
Spare Tyre Carrier	Yes

CHASSIS

Size (mm)	188 x 60 x 4
Refer to the bodybuilders guidelines on the Fuso website (fuso.co.nz) before mounting a body or modifying the chassis. VERY IMPORTANT: The high voltage systems must be disabled by a FUSO technician before working on the truck	

INSTRUMENTS

Gauges	Speedometer with odometer Power meter Battery level Charging status
Colour Information Display	Range to empty / average speed Outside temperature Battery temperature Maintenance reminder system Date and time Tripmeters x2

STANDARD FEATURES

Cab Cooling and Heating	eAir conditioner / eHeater / eDemister
Accessory Power	12V Accessory Power Outlet / Cigar lighter
Driving	Keyless central locking with push button stop/start Electric windows
Storage	Dual overhead storage pockets In-dash centre document storage Door storage pockets

CAB FEATURES

Type	All steel forward control fixed cab
Mounting	Hydroelastic 4-point
Colour	Natural White (W31)
Interior	Fully trimmed cab with vinyl floor covering
Seating Capacity	3
Seat (driver)	Isringhausen suspended with LH arm rest adjustable lumbar support and weight adjustment to 130kg
Seats (passenger)	Isringhausen flat-folding, 2 passenger bench

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PERFORMANCE

Turning Circle (Kerb to kerb - metres)	12.2
Gradeability at Rated GVM (theoretical)*	20%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions

DIMENSIONS (mm)

Wheelbase	3,400
Length Overall	5,995
Height Overall	2,190
Width Overall	2,025
Width Rear Axle	2,027
Width Front Track	1,665
Width Rear Track	1,560
Width Frame	750
Height Frame at Rear Axle	770

SERVICE INTERVALS

30,000km / 12 months
Safety check required at 15,000km / 6 months

WARRANTY

6 years / 180,000km
eCanter must be serviced at an authorised FUSO Service Centre at the recommended servicing intervals. Refer to terms and conditions in the FUSO warranty booklet for full details

SAFETY FEATURES

ACTIVE SAFETY FEATURES

Electronic Brake System (EBS)	Yes
Electronic Stability Control (ESC)	Yes
Active Emergency Braking System (AEBS)	Yes
Lane Departure Warning System (LDWS)	Yes

CAB

Structure	ECE R-29 reinforced cab Side intrusion bar
Airbags	Driver's (steering wheel) Passenger's (dashboard)
Seatbelts	ELR 3-point (+height-adjustable with pretensioner for driver) Lap belt (centre passenger)
Driver's Seat	Isrighausen spring-suspended
Steering Wheel	Energy-absorbing Adjustable (height and reach)
Rearview Mirrors	Heated
Fog Lamps & Day Time Running Lights	Yes
Keyless Central Locking with Push Button	Yes
7" Touchscreen Media Unit	AM/FM/DAB + USB + AUX Apple CarPlay and Android Auto Wi-Fi enabled for internet radio Bluetooth 32GB capacity storage HD reverse camera included [†]

CHASSIS

Speed Limiter	90km/hr
Anti-Lock Braking System (ABS)	Yes
Anti-Slip Regulator (ASR)	Yes
Electronic Brake Force Distribution (EBD)	Yes
Disc Brakes	Auto-adjusting, 4-wheel dual caliper
Brake Priority System	Yes
Hill Start Assist	Yes
Regenerative Braking 2 Stage	Yes
Reverse Warning Buzzer	Yes
Anti Roll Bar	Yes
Brake Wear Indicator	Yes

OPTIONS

† Additional Multimedia Display Cameras (up to 4)
Truck Specific GPS Navigation
Reversing Sensors
Tyre Pressure Monitoring System

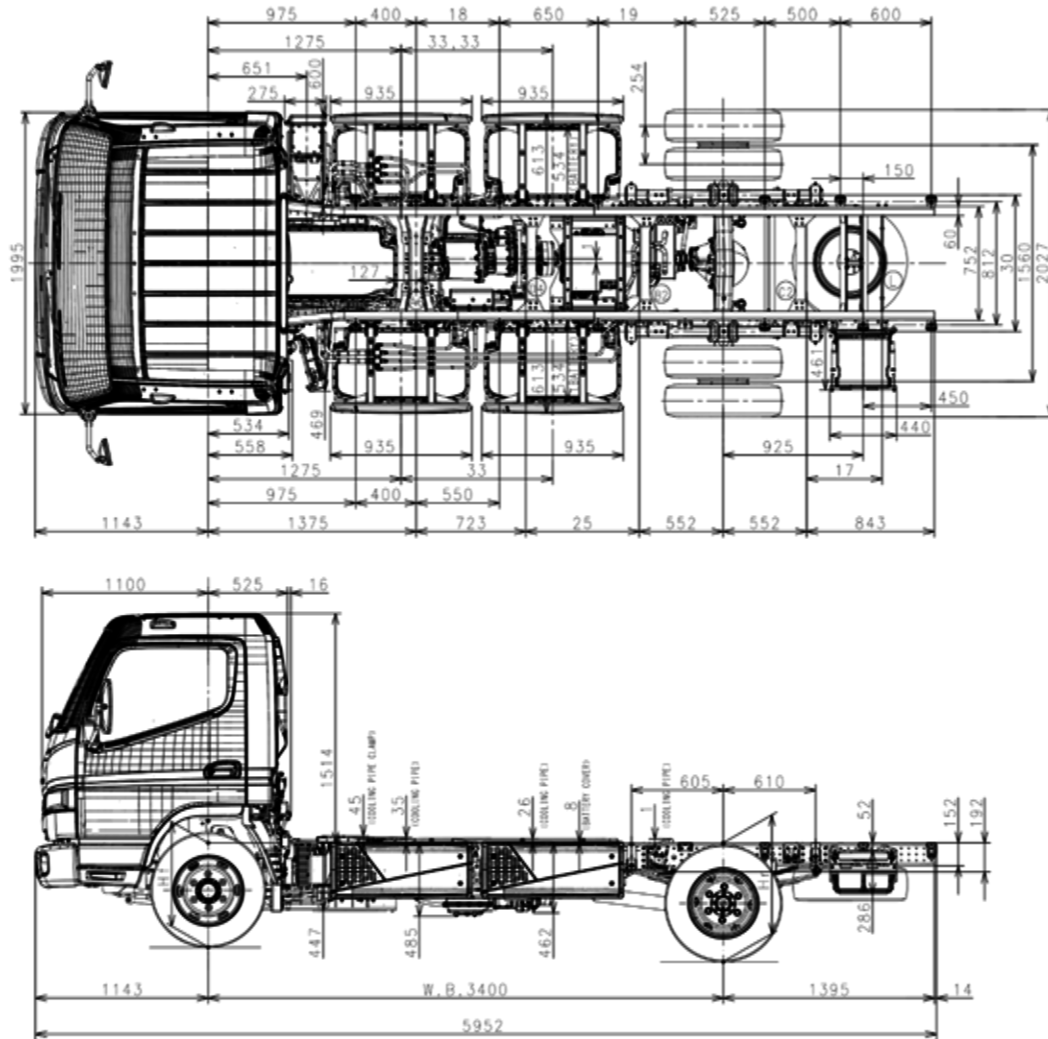
KERB WEIGHTS AND MAX AXLE LOADS (kg)

Model	Vehicle Ratings**	Max Axle Loadings**		Kerb Weights*				
		GVM	GCM	Front	Rear	Total		
4x2 eCanter 8 Wide Cab	FEB7UERBSFA2	7,490	N/A	3,100	5,990	1,910	1,430	3,340
4x2 eCanter 6 Wide Cab	FEB71UERBSFA2(D)	5,995	N/A	3,100	5,990	1,910	1,430	3,340

* Weights (est.) includes spare wheel and are subject to 2.5% variation (+/-)

** Vehicle ratings and max axle loadings may be limited by local regulations

SPECIFICATIONS - eCANTER 8



Scale = 1:50 (50mm = 1 metre). This scale is accurate when used on the original spec sheet, be aware that enlarging these illustrations can alter the scale and cause incorrect measurements. Fuso New Zealand and its authorised dealers always recommend customers seek professional advice from independent sources before commencing any engineering activities.

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