

CANTER ECO HYBRID.

4X2 / WIDE CAB / DUONIC AMT

GVM

7,500KG

GCM

11,000KG

Power/Torque

110 + 40KW/370 + 200NM

Light rigid licence required.

Can be derated and driven with a passenger car licence.



OUR MOST FUEL EFFICIENT, LOWEST EMISSION CANTER.

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FUSO

SPECIFICATIONS

MODEL

A	4x2 Eco Hybrid Wide Cab MWB 6 Sp. AMT (FEB74ER3SFAC)
B	4x2 Eco Hybrid Wide Cab LWB 6 Sp. AMT (FEB74GR3SFAC)

WHEEL BASE

3400mm
3850mm

GVM (optional)

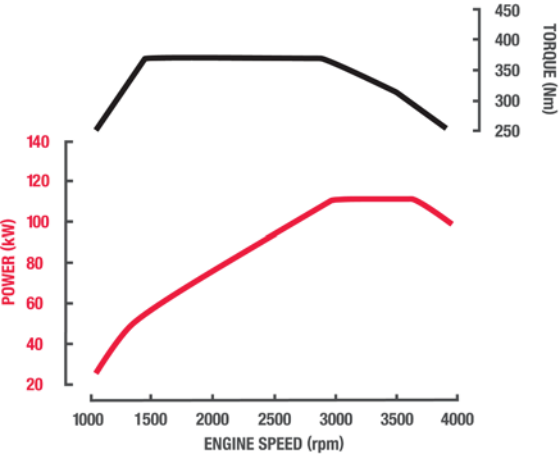
7500kg (4500kg)
7500kg (4500kg)

GCM (optional)

11,000kg (8000kg)
11,000kg (8000kg)

ENGINE

Engine Version	FUSO 4P10-T4 Diesel
Configuration	4 Cyl. In-line DOHC, 4-Valve
Type	Variable Geometry Turbo Charged Air to Air Intercooled
Displacement	3 litre (2998cc)
Bore	95.8mm
Stroke	104mm
Power (DIN)	110kW @ 2840~3500 rpm
Torque (DIN)	370Nm @ 1350~2840 rpm
Maximum Engine Speed	4100 rpm
Compression Ratio	17.5:1
Cooling System / Oil Cooler	Water cooled,13.7L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Diesel Particulate Filter (DPF) Exhaust Dash Display DPF Status 0~9 (Empty~Full) Parked Regeneration possible from 7~9
Emission Level	ADR 80/03 & EEV rated (Enhanced Environmentally-Friendly Vehicle) Euro 5



ECO HYBRID ELECTRIC MOTOR

Type	Permanent Magnet Synchronous
Power	40kW @ 2100 rpm
Torque	220Nm @ 200 rpm
Cooling Fluid	Shared with Automated Transmission Fluid

ECO HYBRID BATTERY

Type	Lithium-ion
Nominal Voltage	270 Volt
Capacity	7.5 Ah
Cooling Fluid	Air Cooled

IDLE STOP START (ISS) TECHNOLOGY

Function	Switches engine off at idle to save fuel
Operation	Automatic, triggered by brake pedal
Control	Default setting is active (can be switched off)

FUEL

Injection System	Bosch Common Rail Direct Injection Bosch Piezo Technology Injectors
Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity *	100 Litres
Filtration	Filter with Water Separator and Indicator Sensor
Notes	*Max Fill to approx 95% of Air Capacity

COOLING

Fan Drive	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

ELECTRICAL

Voltage	12V Negative Earth
Alternator Capacity	12V-140 amp
Starter Capacity	12V-2.0kW
Battery Capacity	2x12V, 70Ah/5hr
Battery Specification	115D31LX2
Headlamp Type	Halogen
Headlamp Capacity	2x55W/60W

CLUTCH

Clutch Model	Duonic Automated Manual (no clutch pedal)
Type	Dual Clutch (Wet Multi-plate)

TRANSMISSION

Version	FUSO Duonic M038S6
Type/Speeds	6 Speed Automated Manual with Auto and Manual Modes
Features	Virtually Instant Gear Changes In-Dash Gear Lever with Park Brake Position ECO Mode to Minimise Fuel Usage
Ratios	1st: 5.397 2nd: 3.788 3rd: 2.310 4th: 1.474 5th: 1.000 6th: 0.701 Rev. 5.397
PTO Opening	LH Side.

FRONT AXLE

Axle Version	FUSO F350T
Type	Reverse Elliot "I" Beam
Capacity *	3100kg
Notes	*See MAX LOADING for vehicle capacity.

FRONT SUSPENSION

Type	Multi-Leaf with Stabiliser Bar and Double Acting Shock Absorbers
Size	1150x70mm Leaves

REAR AXLE

Type	Full Floating Banjo Type
Axle Version	FUSO R035T
Capacity*	6000kg
Ratio	5.285:1
Notes	*See MAX LOADING for vehicle capacity.

REAR SUSPENSION

Type	Steel Suspension
Details	Semi-Elliptic Leaf with Stabiliser Bar and Double Acting Shock Absorbers
Size Main Leaves	1250x70mm
Size Helper Leaves	880x70mm

MAX LOADING

Front	3100kg
Rear	6000kg
Total	7500kg

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GVM (optional)

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GCM (optional)

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OPTIONS

Options	H31: 4500/8000kg GVM/GCM Rating
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STEERING

Type	Integral Ball and Nut Type
Steering Column	Tilt/Telescopic Adjustable
Power Assist	Standard

BRAKES

Type	Hydraulic Dual Circuit with Front and Rear Twin Calliper Disc Brakes
Size Front	252mm
Size Rear	252mm
Features	ABS plus EBD (Electronic Brake Distribution) Exhaust Brake Brake Priority System
Park Brake	Transmission Mounted

WHEELS & TYRES

Wheel Type	7 x Single Piece Disc Rims (Including Spare)
Wheel Size	17.5x6.0-127
Wheel Stud Pattern	6 Stud 222.25 PCD
Tyre Size All	215/75R17.5 124/123
Spare Tyre Carrier	Provided

CHASSIS

Type	Reinforced Tapered Channel
Size	192x60x6mm
Width	752mm
Tensile Strength	440 MPa

INSTRUMENTS

Gauges	Speedometer with Odometer Tachometer Fuel Level Water Temperature
Colour Information Display	Fuel Consumption DPF Bar Chart from 1~9 Water Temperature Maintenance Reminder System Tripmeters
Eco Hybrid Specific	Battery Charge Level Electric Motor Status Charge/Assist

MULTI-MEDIA PACKAGE

Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates
Colour Display	6.1 inch LCD with touch screen control
Phone Connectivity	Bluetooth® hands free
Audio Visual Entertainment	CD/DVD player and Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB port for iPod®* & other devices
Reversing Camera Compatible	Display can accept up to 3 cameras#
Notes	* iPod® compatibility requires an additional licensed cable # Cameras available through spare parts

STANDARD FEATURES

Airbag(s)	Dual Air Bags and Seat Belt Pre-Tensioners (Driver & Far Side Passenger)
Hill Start System	No
Cab Cooling & Heating	Air Conditioner / Heater / Demister
Accessory Power	12V Accessory Power Outlet / Cigar Lighter
Driving	Fuso Multimedia Unit Keyless Central Locking Electric Windows Cup Holders (2)
Storage	Dual Overhead Storage Pockets In-Dash Centre Document Storage Door Storage Pockets Dash Storage Tray (1 DIN) Coat Hooks
Cab: External	Front End-Outline Marker Lamps Door Side Impact Beams
Chassis	Reverse Warning Buzzer

CAB FEATURES

Type	All Steel Forward Control Manual Tilt
Cab Structure	ECE-R29 European Cab Strength Approved
Mounting	Hydroelastic 4 Point
Additional Engine Access	N/A
Colour	Natural White
Windscreen Wipers	2 Speed + Intermittent Cycle with Integrated Washer Nozzles
Rear Vision Mirrors	1 x Internal 2 x External Convex (ECE 46) - Heated
Seating Capacity	3
Seat Belts	Lap Sash Belts for Outside Seating Positions Lap Belt for Centre Seat
Seat (driver)	Suspended with LH Arm Rest Lumbar Support & Weight Adjustment
Seats (passenger)	Flat Folding, 2 Passenger Bench

SERVICE INTERVALS

Interval*	30,000km, 12 Months or 600 Hours (whichever occurs first)
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.

WARRANTY

Basic/Powertrain	3 Years, 100,000kms or 2,000 operating hours (whichever occurs first)
Cab Perforation/Anti Corrosion	3 Years

PERFORMANCE

	A	B
Turning Circle (kerb to kerb - metres)	12.2	13.6
Road Speed (km/h) at Max Engine Speed	128	128
Engine Speed (rpm) at 100km/hr (top gear)	2606	2606
Gradeability at Rated GVM (theoretical)*	28%	28%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions	

MASS (ESTIMATED)*

	A	B
Front*	1680kg	1675kg
Rear*	830kg	855kg
Total*	2510kg	2530kg
Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)	

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DIMENSIONS (MM)

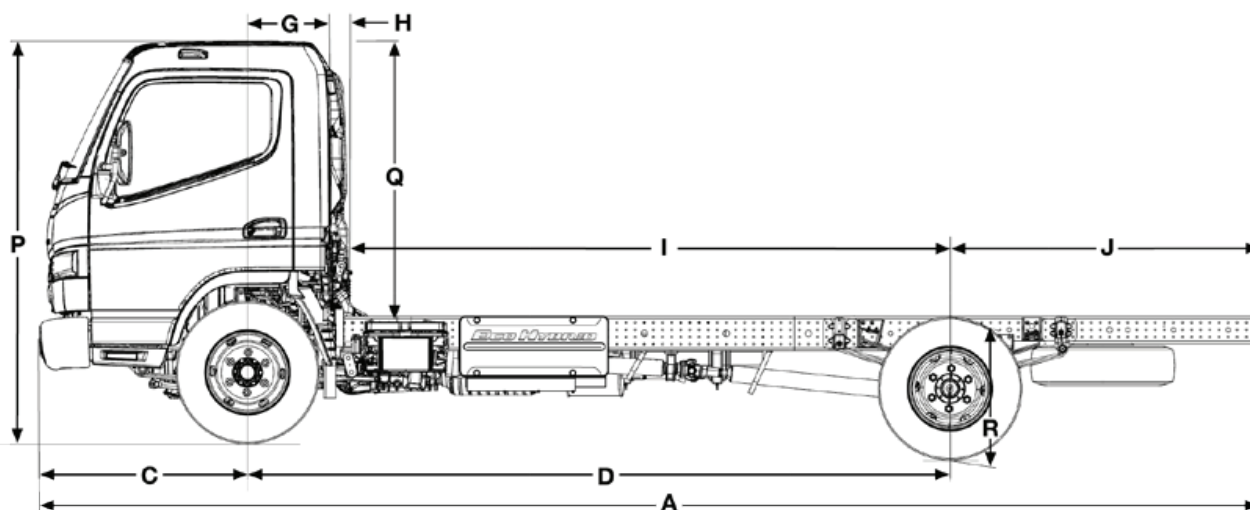
	A	B
Width Front Fender (mm)	1995	1995
Width Rear Axle (mm)	2035	2035
Width Rear Track (mm)	1560	1560
Width Frame (mm)	750	750
A - Length Overall (mm)	5935	6685
C - Front Overhang (mm)	1140	1140
D - Wheelbase (mm)	3400	3850
G - Front Axle to Rear of Cab (mm)	525	525
H - Rear of Cab to Rearmost Item Behind Cab (mm)	50	50
I - Rearmost Item Behind Cab to Rear Axle (mm)	2825	3275
J - Frame, Rear Axle to End (mm)	1395	1695
P - Height Cab to Ground (mm)	2190	2180
Q - Height Cab to Frame (mm)	1505	1514
R - Height Rear Frame to Ground (mm)	796	795

BODY BUILDER'S NOTES

Notes

Chassis reinforcement must be utilised for Tipper/Demountable type body configurations. To conform with ADR 13/00 and 14/02 (lighting/mirror requirements) the following must be adhered to at body installation.

- If overall width exceeds 2.1 metres and other than flat type or tipper body is fitted, rear end-outline markers must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall length exceeds 7.5 metres and width exceeds 2.1 metres, side marker lamps must be installed.
- If overall width is less than 2.2 metres, the mirrors must be modified to project not more than 230mm. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.



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