

FEC85G1 MANUAL  
 FEC85H1 MANUAL  
 FEC85K1 MANUAL



FEC85G1/H1/K1

NOMINAL PAYLOAD	GVM	GCM	POWER	W/BASE	CODE
5.0T FEC85G1	8550kg	12050kg	184ps	3850mm	FECX1GR4SFAD
5.0T FEC85H1	8550kg	12050kg	184ps	4300mm	FECX1HR4SFAD
5.0T FEC85K1	8550kg	12050kg	184ps	4750mm	FECX1KR4SFAD

## PERFORMANCE

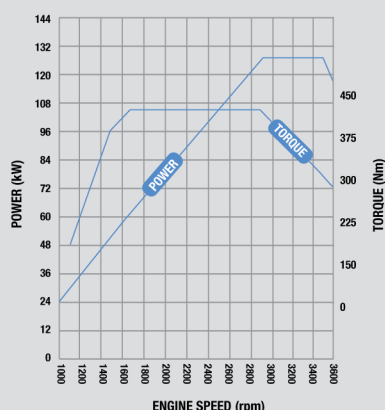
Maximum Speed: 130 km/h  
 Gradeability at Rated GVM: 27% @GVM 8550Kg  
 Turning Circle (kerb to kerb): G=13.6m  
 H=15m  
 K=16.6m

## ENGINE

### Mitsubishi 4P10-7AT6 (Euro V)

Description: 4 Cylinder  
 Configuration: Inline –DOHC 4 Valve  
 Type: Variable Geometry Turbo Charged with Air to Air Intercooler  
 Displacement: 2,998cc  
 Bore x Stroke: 95.8x104 mm  
 Power (DIN nett): 129kw @ 2860 to 3500rpm  
 Torque (DIN nett): 430Nm @ 1600 to 2860 rpm  
 Compression Ratio: 17.5:1  
 Oil Cooler: Water Cooled

### 4P10-7AT6



## FUEL

Pump: Bosch Common Rail  
 Governor: Electronic  
 Filtration: Main Filter with Water Separator  
 Fuel Capacity: 100 Litre/Lockable  
 Air Cleaner: Dry Paper Element/Vertical Intake

## EMISSION SYSTEMS

Emission Standard: Euro V + Enhanced Environmentally Friendly Vehicle (EEV)

Diesel Particulate Filter (DPF) Exhaust with BLUETEC® SCR After Treatment System 12L ADBLUE tank by fuel tank DPF Status on dash display

## COOLING

Fan: 460mm Diameter with 9 Blades  
 Fan Drive: Viscous Coupling  
 Radiator: Corrugated Fin with expansion tank

## ELECTRICAL

Voltage: 12 volt  
 Alternator Capacity: 110 amp  
 Battery Capacity: 2 x 12V 90 AH  
 Headlamp: Halogen 55/60W  
 Foglamp: Front Bumper

## CLUTCH

Description: Hydraulic control, single dry plate  
 Model: C4W30 – Woven–300mm diameter

## TRANSMISSION

Description: Mitsubishi M038S5 All Synchro  
 No. of Speeds: 5  
 Ratios: – 1st: 5.494  
 – 2nd: 3.193  
 – 3rd: 1.689  
 – 4th: 1.000  
 – 5th: 0.723  
 – Rev: 5.494  
 PTO Opening: LH side

## PROPELLER SHAFT

Type: P3  
 Universal Joint: Needle Roller

## FRONT AXLE

Type: Mitsubishi Reverse Elliot “I” Beam  
 Design Capacity: 3100kg  
 Maximum Operating Capacity: 3100kg

## REAR AXLE

Description: Mitsubishi D035H  
 Type: Full floating Hypoid  
 Design Capacity: 6000kg  
 Maximum Operating Capacity: 6000kg  
 Ratio: 5.285

## STEERING

Type: Integral Power Assisted Ball  
 Steering Wheel: Urethane with Airbag  
 Steering Column: Tilt/ Telescopic Adjustment

## BRAKES

Type: Hydraulic Dual Circuit with ABS/EBD. Dual Caliper Ventilated Disc Front and Rear Brake Override safety system  
 Size: F 252 x 40mm  
 R 252 x 40mm  
 Park Brake: Transmission Mounted  
 Auxiliary: Exhaust Brake

## FRONT SUSPENSION

Type: Semi-Elliptic Leaf Springs with Shock Absorbers & Stabilizer  
 Size: 1150 x 70 x 10 – 3 leaf  
 11 – 2 leaf  
 Capacity at Ground: TBA

## REAR SUSPENSION

Type: Semi-Elliptic Leaf Springs with Shock Absorbers & Stabilizer  
 Size: 1250 x 70 x 10 – 3 leaf  
 11 – 2  
 12 – 1  
 Auxiliary: 880 x 70 x 16 – 3 leaf  
 Capacity at Ground: TBA

## CHASSIS

Type: Reinforced Tapered Channel  
 Size: 212 x 65 x 6mm  
 Width: 850  
 Tensile Strength: 540 MPA  
*Refer to the bodybuilder guidelines on the Fuso website www.FUSO.co.nz before mounting a body or modifying the chassis*

## WHEELS & TYRES

Wheel Type: Single piece tubeless rims  
 Wheel Size: 17.5”  
 Tyre Size: 215/75R17.5  
 Spare & Tyre Carrier: Yes



**KERB WEIGHT** (kg – estimated)

	G1	H1	K1
Front:	1570	1605	1620
Rear:	885	890	890
Total:	2455	2495	2510

Includes coolant, oils and 20 litres fuel.

**DIMENSIONS** (mm)

	G1	H1	K1
Wheel Base:	3850	4300	4750
Overall Length:	6685	7185	7735
Cab to Rear Axle:	3275	3725	4175
Rear Overhang:	1695	1745	1845
Overall Height:	2190	2190	2190
Overall Width:	1995	1995	1995
Track Front:	1675	1675	1675
Track Rear:	1670	1670	1670

**CAB FEATURES**

**All Steel Forward Control. ECE R29 Safety Cab**

- Type: Manual Tilt 45 Degrees
- Mounting: Hydroelastic 4 point
- Colour: White W31
- Interior: Fully Trimmed
- Windscreen: Laminated and Tinted
- Windscreen Wipers: 2 Speed–Intermittent with Integrated Washer Nozzles.
- Rear Vision Mirrors: 1 Internal  
2 x External Convex–Heated
- Seating Capacity: 3
- Seat Belts: Driver – Height adjustable : 3 point ELR with tension reducer  
Passenger – ELR 3 point : 2 Point centre
- Driver Seat: Suspension base, fabric trim with built in headrest, lumbar support and armrest
- Passenger Seat: Flat folding 2 passenger bench type with lefthand headrest and fabric trim

**INSTRUMENTS**

- Gauges:**
- Speedo with Odometer and Dual Trip Meter
  - Tachometer
  - Fuel Level
  - Ad Blue Level Indicator
- Warning Lights:**
- High Beam
  - Turn signal/Hazard warning
  - Park Brake
  - Exhaust Brake
  - Engine Pre–Heat
  - Alternator
  - Low Oil Pressure
  - SRS Airbag
  - Brake Pad Wear
  - Immobilizer
  - ABS check light
  - Engine check light
  - DPF

**SWITCHES**

- Fog Lamps
- Fluorescent Cab Lamp
- Heated Exterior Mirrors
- DPF Regeneration switch
- Hazard Lights

**CAB EQUIPMENT**

- Driver’s airbag
- Electric Windows with one touch function
- Keyless Central Locking
- Door side impact beams
- Tinted side and rear glass
- Heater–Demister/Air–conditioning
- Interior sunvisors LH/RH
- AM/FM CD radio wsp
- Interior Dome Lamp with Delay Function
- Front Step lamps
- Cab Front Outline Marker Lights
- Cigar Lighter
- Electric Horn
- Reverse Warning Buzzer
- Tool Kit
- Overhead Parcel Shelves LH/RH
- Lower Dash Document Holder
- Lockable Glovebox

**MULTI FUNCTION DISPLAY**

- Calendar/Time
- Meter and Gauge Illumination
- Service Reminders
- DPF Level indication
- Fuel Consumption Indication
- Diagnostic Trouble Code Indication
- Coolant Temperature Gauge
- Odo and Dual trip meter



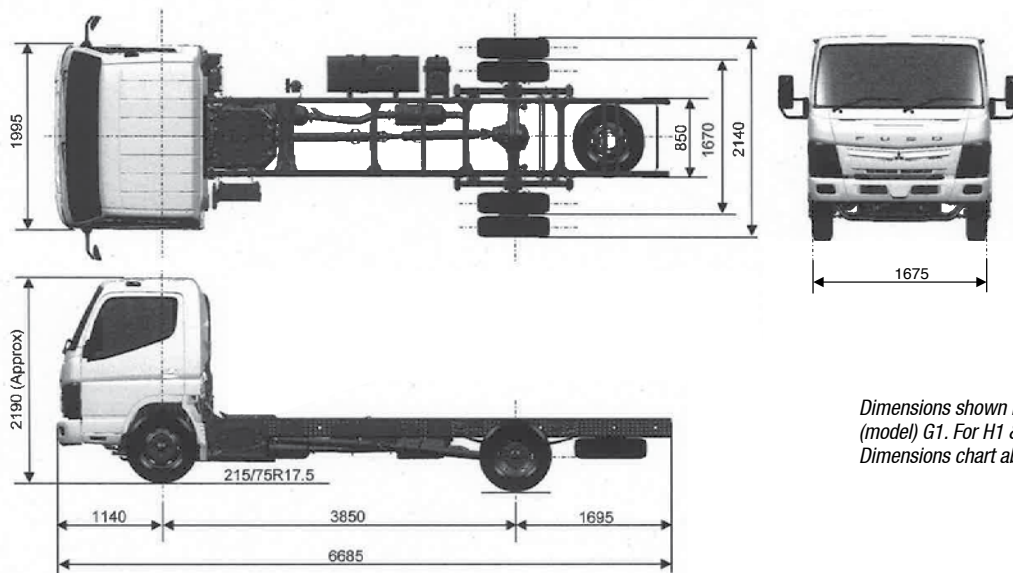
**WARRANTY**

**36 months/100,000km (whichever comes first)**

*\*Subject to the conditions outlined in the New Vehicle Warranty*

**CANTER EURO 5.0T**  
FEC85G1/FEC85H1/FEC85K1

Refer to [www.FUSO.co.nz](http://www.FUSO.co.nz) for full dimensions.



Dimensions shown refer to (model) G1. For H1 & K1 see Dimensions chart above.

A policy of continual improvement means that specifications detailed in this brochure are subject to change without notice. Your Mitsubishi FUSO Dealer will be able to confirm the exact current specifications.



[WWW.FUSO.CO.NZ](http://WWW.FUSO.CO.NZ)

