

# CANTER 815.

4X2 / WIDE CAB / MANUAL OR DUONIC AMT

GVM

**7,500KG**

GCM

**11,000KG**

Power/Torque

**110KW 370NM**

Light rigid licence required.

Can be derated and driven with a passenger car licence.



**5**  
YEAR WARRANTY

CLASS LEADING TARE WEIGHT AND 30,000KM SERVICE INTERVALS.  
ESP AND CRUISE CONTROL STANDARD ON DUONIC AMT MODELS

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**FUSO**

# SPECIFICATIONS

## MODEL

A	4x2 815 Wide Cab MWB 6 Sp. Duonic AMT (FEC71ER3SFAN)
B	4x2 815 Wide Cab LWB 6 Sp. Duonic AMT (FEB71GR3SFAN)
C	4x2 815 Wide Cab MWB 5 Sp. MAN (FEC71ER4SFAC)
D	4x2 815 Wide Cab LWB 5 Sp. MAN (FEB71GR4SFAC)

## WHEEL BASE

3400mm
3850mm
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3850mm

## GVM (optional)

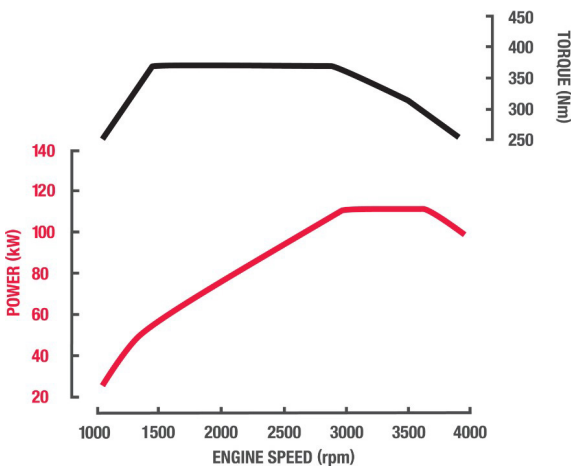
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## GCM (optional)

11,000kg (8000kg)
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## 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



## 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-110 amp
Starter Capacity	12V-2.0kW
Battery Capacity	2x12V, 70Ah/5hr
Battery Specification	115D31LX2
Headlamp Type	Halogen
Headlamp Capacity	2x55W/60W

## CLUTCH

Clutch Model	A B	C D
	Duonic Automated Manual (no clutch pedal)	FUSO C4W30
Type	Dual Clutch (Wet Multi-plate) / Single Dry Plate, Direct Hydraulic Type	

## TRANSMISSION

Version	A B	C D
	FUSO Duonic M038S6	FUSO M038S5
Type/Speeds	6 Speed Automated Manual with Auto and Manual Modes	5 Speed with In-Dash Gearshift Lever
	Features	Virtually Instant Gear Changes In-Dash Gear Lever with Park Brake Position ECO Mode to Minimise Fuel Usage
Ratios	1st: 5.397	1st: 5.494
	2nd: 3.788	2nd: 3.193
	3rd: 2.310	3rd: 1.689
	4th: 1.474	4th: 1.000
	5th: 1.000	5th: 0.723
	6th: 0.701 Rev. 5.397	Rev. 4.494
PTO Opening	LH Side.	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	A B 5.714:1	C D 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

## 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 Discs Twin Calliper Front and Rear
Size Front	310x40mm
Size Rear	310x40mm
Features	ABS plus EBD (Electronic Brake Distribution) Exhaust Brake Brake Priority System
Park Brake	Transmission Mounted

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## 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			
	A	B	C	D
Size	212x65x6mm	192x60x6mm	212x65x6mm	192x60x6mm
Width	850mm	752mm	850mm	752mm
Tensile Strength	540 MPa	440 MPa	540 MPa	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

## 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)	
Electronic Stability Program (ESP)	A B	C D
Idle Stop Start (ISS)	Yes	No
Cruise Control	Yes	No
Hill Start System	Yes	
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 Factory Reverse Camera with Infrared Display and Audible Pickup (Supply only in Cabin with Cab Chassis)	

## CAB FEATURES

Type	All Steel Forward Control Manual Tilt	
Cab Structure	ECE-R29 European Cab Strength Approved	
Mounting	Hydroelastic 4 Point	
Additional Engine Access	A B	C D
	Removable Engine Access Panel	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 Weight Adjustment, LH Arm Rest and Lumbar Support	
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	5 Years, 200,000kms or 4,000 operating hours (whichever occurs first)
Cab Perforation/Anti Corrosion	5 Years

## PERFORMANCE

Turning Circle (kerb to kerb - metres)	A	B	C	D
	12.2	13.6	12.2	13.6
Road Speed (km/h) at Max Engine Speed	127	127	130	130
Engine Speed (rpm) at 100km/hr (top gear)	2817	2817	2687	2687
Gradeability at Rated GVM (theoretical)*	31%	31%	29%	29%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions			

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## MASS (ESTIMATED)\*

	A	B	C	D
Front*	1585kg	1605kg	1565kg	1590kg
Rear*	795kg	790kg	795kg	785kg
Total*	2380kg	2395kg	2360kg	2375
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)

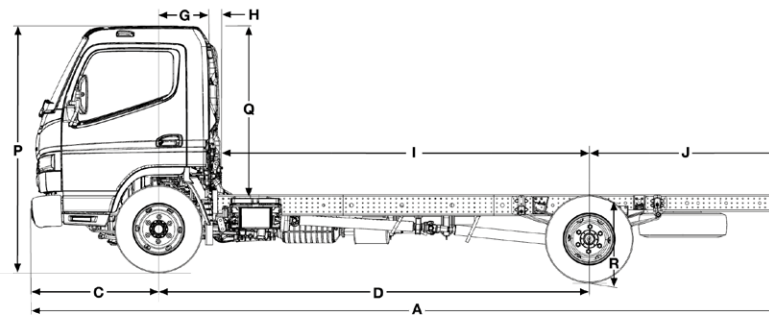
Width Front Fender (mm)	1995			
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Width Rear Axle (mm)	2144	2034	2144	2034
Width Rear Track (mm)	1670	1560	1670	1560
Width Frame (mm)	850	752	850	752
A - Length Overall (mm)	5935	6685	5935	6685
C - Front Overhang (mm)	1140	1140	1140	1140
D - Wheelbase (mm)	3400	3850	3400	3850
G - Front Axle to Rear of Cab (mm)	525	525	525	525
H - Rear of Cab to Rearmost Item Behind Cab (mm)	50	50	81	81
I - Rearmost Item Behind Cab to Rear Axle (mm)	2825	3275	2794	3244
J - Frame, Rear Axle to End (mm)	1395	1695	1395	1695
P - Height Cab to Ground (mm)	2190	2180	2190	2180
Q - Height Cab to Frame (mm)	1505	1514	1505	1514
R - Height Rear Frame to Ground (mm)	807	797	807	797

## 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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# FUSO

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