

# CANTER

**FUSO**

## CANTER 815

**4X2 / WIDE CAB / MANUAL OR DUONIC DCT**



**OUR SAFEST CANTER EVER WITH AEB, LDWS AND ESP STANDARD  
CLASS LEADING TARE WEIGHT AND 30,000KM SERVICE INTERVALS.**

**GVM**

**7,500<sub>KG</sub>**

**GCM**

**11,000<sub>KG</sub>**

**Power/Torque**

**110<sub>KW</sub> / 370<sub>NM</sub>**

- Light rigid licence required.
- Can be derated and driven with a passenger car licence.

# SPECIFICATIONS

## MODEL

|   |  |
|---|--|
| A | 4x2 815 Wide Cab MWB 6 Sp. Duonic AMT (FEC71ER3SFBC) |
| B | 4x2 815 Wide Cab LWB 6 Sp. Duonic AMT (FEB71GR3SFBC) |
| C | 4x2 815 Wide Cab MWB 5 Sp. MAN (FEC71ER4SFBC)        |
| D | 4x2 815 Wide Cab LWB 5 Sp. MAN (FEB71GR4SFBC)        |

## WHEEL BASE

|        |
|--------|
| 3400mm |
| 3850mm |
| 3400mm |
| 3850mm |

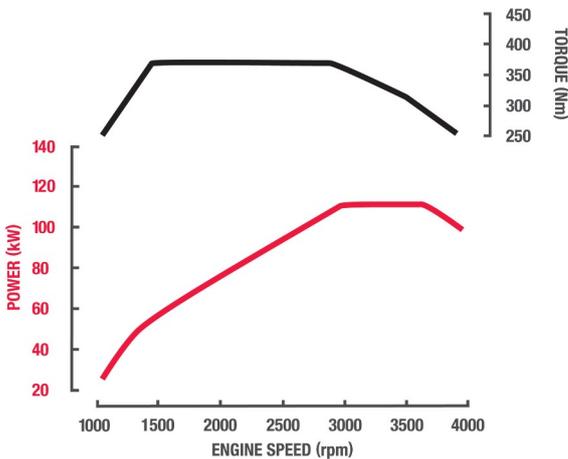
## GVM (optional)

|                   |
|-------------------|
| 7,500kg (4,495kg) |
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## GCM (optional)

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|--------------------|
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| Engine                      |   |
|-----------------------------|---|
| Engine Version              | FUSO 4P10-T4 Diesel   |
| Configuration               | 4 Cyl. In-line DOHC, 4-Valve  |
| Type                        | Variable Geometry Turbo Charged<br>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)<br>Parked Regeneration possible from 7~9 |
| Emission Level              | ADR 80/03 & EEV rated (Enhanced Environmentally-Friendly Vehicle)<br>Euro 5   |



| Fuel             |  |
|------------------|--|
| Injection System | Bosch Common Rail Direct Injection<br>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 Fully Automated Dual Clutch (no clutch pedal) | C D FUSO C4W30                              |
| Type         | A B Dual Clutch (Wet Multi-plate)                 | C D Single Dry Plate, Direct Hydraulic Type |

| Transmission |  |  |
|--------------|--|--|
| Version      | A B FUSO Duonic M038S6   | C D FUSO M038S5  |
| Type/Speeds  | A B 6 Speed Dual Clutch with Auto and Manual Modes   | C D 5 Speed with In-Dash Gearshift Lever   |
| Features     | A B Virtually Instant Gear Changes<br>In-Dash Gear Lever with Park Brake Position<br>ECO Mode to Minimise Fuel Usage | C D Synchronesh 2nd-5th  |
| Ratios       | A B 1st: 5.397<br>2nd: 3.788<br>3rd: 2.310<br>4th: 1.474<br>5th: 1.000<br>6th: 0.701<br>Rev. 5.397                   | C D 1st: 5.494<br>2nd: 3.193<br>3rd: 1.689<br>4th: 1.000<br>5th: 0.723<br>Rev. 4.494 |
| 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        | A B 5.714:1<br>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: 4495/7995kg 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<br>Twin Calliper Front and Rear |                        |                      |
| Size Front | <b>A</b><br>235x40mm   | <b>B C</b><br>252x40mm | <b>D</b><br>310x40mm |
| Size Rear  | <b>A B C</b><br>252x40mm   | <b>D</b><br>310x40mm   |                      |
| Features   | Exhaust Brake<br>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             | <b>A C</b><br>212x65x6mm   | <b>B D</b><br>192x60x6mm |
| Width            | <b>A C</b><br>850mm        | <b>B D</b><br>752mm      |
| Tensile Strength | <b>A C</b><br>540 MPa      | <b>B D</b><br>440 MPa    |

## Instruments

|                            |  |
|----------------------------|--|
| Gauges                     | Speedometer with Odometer<br>Tachometer<br>Fuel Level<br>Water Temperature   |
| Colour Information Display | Fuel Consumption<br>DPF Bar Chart from 1~9<br>Water Temperature<br>Lane Departure Warning<br>Maintenance Reminder System<br>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                                      | 7 inch LCD with touch screen control   |
| Phone Connectivity                                  | Bluetooth® hands free  |
| Audio Visual Entertainment                          | Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port                                   |
| Reversing Camera Compatible                         | Display can accept up to 5 cameras#  |
| Optional Accessories (available at additional cost) | Rear Mounted Parking Sensor Kit (High or Low)<br>USB Quick Charge Kit<br>Qi Wireless Charging Pocket for Mobile Devices<br>Tyre Pressure Monitoring System |
| Notes   | # Cameras available through spare parts  |

## Standard Features

|                        |  |
|------------------------|--|
| Airbag(s)              | Dual Air Bags and Seat Belt Pre-Tensioners (Driver & Far Side Passenger)   |
| Active Safety Features | ABS plus Electronic Brake force Distribution (EBD)<br>Advanced Emergency Braking (AEBS)<br>Anti-Slip Regulator (ASR)<br>Electronic Stability Program (ESP)<br>Lane Departure Warning System (LDWS) |
| Cruise Control         | <b>A B</b> Yes<br><b>C D</b> No  |
| Hill Start System      | Yes  |
| Cab Cooling & Heating  | Air Conditioner / Heater / Demister  |
| Accessory Power        | 12V Accessory Power Outlet / Cigar Lighter   |
| Driving                | Fuso Multimedia Unit<br>Keyless Central Locking<br>Electric Windows<br>Cup Holders (2)   |
| Storage                | Dual Overhead Storage Pockets<br>In-Dash Centre Document Storage<br>Door Storage Pockets<br>Dash Storage Tray (1 DIN)<br>Coat Hooks  |
| Cab: External          | Front End-Outline Marker Lamps<br>Door Side Impact Beams   |
| Chassis                | Reverse Warning Buzzer<br>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 | <b>A B</b> Removable Engine<br><b>C D</b> Access Panel<br>N/A            |
| Colour                   | Natural White  |
| Windscreen Wipers        | 2 Speed + Intermittent Cycle with Integrated Washer Nozzles              |
| Rear Vision Mirrors      | 1 x Internal<br>2 x External Convex (ECE 46) - Heated                    |
| Seating Capacity         | 3  |
| Seat Belts               | Lap Sash Belts for Outside Seating Positions<br>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 or 12 Months (whichever occurs first)  |
| Notes     | * based on normal operating conditions and may be reduced when operating under severe conditions. |

## Warranty

|                                |  |
|--------------------------------|--|
| Basic/Powertrain               | 5 Years or 200,000kms (whichever occurs first) |
| Cab Perforation/Anti Corrosion | 5 Years  |

## Performance

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

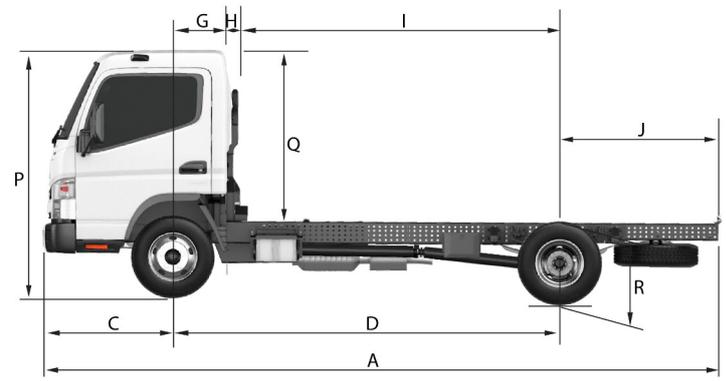
# SPECIFICATIONS

| MODEL  | WHEEL BASE | GVM (optional)    | GCM (optional)     |
|--|------------|-------------------|--------------------|
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| B 4x2 815 Wide Cab LWB 6 Sp. Duonic AMT (FEB71GR3SFBC) | 3850mm     | 7,500kg (4,495kg) | 11,000kg (7,995kg) |
| C 4x2 815 Wide Cab MWB 5 Sp. MAN (FEC71ER4SFBC)        | 3400mm     | 7,500kg (4,495kg) | 11,000kg (7,995kg) |
| D 4x2 815 Wide Cab LWB 5 Sp. MAN (FEB71GR4SFBC)        | 3850mm     | 7,500kg (4,495kg) | 11,000kg (7,995kg) |

| Mass (estimated)* |   |        |        |        |
|-------------------|---|--------|--------|--------|
| Front*            | A   | B      | C      | D      |
|                   | 1585kg  | 1605kg | 1565kg | 1590kg |
| Rear*             | A C   | B      | D      |        |
|                   | 795kg   | 790kg  | 785kg  |        |
| Total*            | A   | B      | C      | D      |
|                   | 2380kg  | 2395kg | 2360kg | 2375kg |
| Notes             | * Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-) |        |        |        |

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

| Body Builder's Notes |   |
|----------------------|---|
| Notes                | <p>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.</p> <ul style="list-style-type: none"> <li>- If overall width exceeds 2.1 metres and other than flat type or tipper body is fitted, rear end-outline markers must be installed.</li> <li>- If overall length exceeds 6.0 metres, side reflectors must be installed.</li> <li>- If overall length exceeds 7.5 metres and width exceeds 2.1 metres, side marker lamps must be installed.</li> <li>- 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.</li> </ul> |



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