CANTER FG 4x4

WIDE CAB / MANUAL HIGH/LOW RANGE



GVM GCM Power/Torque

6,500kg 10,000kg 110kw/370nm

Light rigid licence required.

Can be derated and driven with a passenger car licence.



CANTER 転货

CLASS LEADING TARE WEIGHT AND 30,000KM SERVICE INTERVALS



Specifications

MODEL

A 4x4 FG Wide Cab SWB 5 Sp. MAN (FGB71CR6SFBC) B 4x4 FG Wide Cab MWB 5 Sp. MAN (FGB71ER6SFBC)

WHEEL BASE

2815mm 3415mm

GVM (optional)

6,500kg (4,495kg) 6,500kg (4,495kg)

GCM (optional)

10,000kg (7,995kg) 10,000kg (7,995kg)

| Engine | |
|-----------------------------|--|
| Engine Version | FUSO 4P10-T4 Diesel |
| Configuration | 4 Cyl. In-line DOHC, 4-Valve |
| Туре | 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 |

| | 140 120 | 1 450 400 TORQUE (Vm) 350 300 250 |
|------------|------------|--|
| (M) | 100 | |
| POWER (kW) | 80 | |
| P0 | 60 | |
| | 40 | |
| | 20 | |
| | | 1000 1500 2000 2500 3000 3500 4000 ENGINE SPEED (rpm) |

| 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 |
| | |

| Cooming | |
|-----------|---|
| 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 | FUSO C4W30 | |
| Туре | Single Dry Plate, Direct Hydraulic Type | |

| Transmission | |
|--------------|--------------------------------------|
| Version | FUSO M038S5 |
| Type/Speeds | 5 Speed with In-Dash Gearshift Lever |
| Features | Synchromesh 2nd-5th |
| Ratios | 1st: 5.494 |
| | 2nd: 3.193 |
| | 3rd: 1.689 |
| | 4th: 1.000 |
| | 5th: 0.723 |
| | Rev. 5.494 |
| PTO Opening | LH Side |

| 4x4 Transfer | |
|--------------|----------|
| Model | FUSO TF3 |
| No of Speeds | 2 |
| Synchromesh | No |
| Ratio - Low | 1.987 |
| Ratio - High | 1.090 |

| Front Axle | |
|--------------|---|
| Axle Version | FUSO D1H |
| Туре | Full Floating Hypoid with Constant Velocity Universal Joints |
| Hubs | Free Wheel, Manual Locking Type |
| Ratio | 5.285:1 |
| Notes | *See MAX LOADING for vehicle capacity. |

| Front Suspension | |
|------------------|---|
| Туре | Multi-Leaf with Double Acting Shock Absorbers |
| Size | 1150x70mm Leaves |

| Rear Axle | |
|--------------|--|
| Туре | Full Floating Hypoid Type Positive Locking Limited Slip Differential (LSD). |
| Axle Version | FUSO D035H |
| Ratio | 5.285:1 |
| Notes | See MAX LOADING for vehicle capacity. |

| Rear Suspension | |
|------------------|---|
| Туре | Steel Suspension |
| Details | Multi-Leaf with Double Acting Shock Absorbers |
| Size Main Leaves | 1250x70mm |

| Max Loading | | |
|-------------|--------|--|
| Front | 2800kg | |
| Rear | 5760kg | |
| T-4-1 | 0.001 | |

| Rear | 5760kg |
|---------|---------------------------------|
| Total | 6500kg |
| | |
| Options | |
| • | |
| Options | H31: 4495/7995kg GVM/GCM Rating |

| H31: 4495/7995kg GVM/GCM Rating |
|---|
| R84: Fire Service delete power pack option - without driver & far passenger airbag, central locking or electrical front windows |

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

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| Brakes | |
|------------|--|
| Туре | Hydraulic Dual Circuit with Front and Rear Drums |
| Size Front | 320mm Diameter x 75mm Width |
| Size Rear | 320mm Diameter x 110mm Width |
| Features | Auto Slack Adjusters ABS plus EBD (Electronic Brake Distribution) Exhaust Brake Brake Priority System |
| Park Brake | Transmission Mounted |

| Wheels & Tyres | |
|--------------------|--|
| Wheel Type | 7 x Disc Rims (Including Spare) |
| Wheel Size | 17.5x6.0-127 |
| Wheel Stud Pattern | 6 Stud |
| Tyre Size All | 215/75R17.5 124/123 (tubeless) Off-road Tyres Front and Rear (for Extra Traction) |
| Spare Tyre Carrier | Provided |

| Chassis | |
|------------------|--|
| Туре | Reinforced Tapered Channel with Drop Shape |
| Size | 192x60x6mm |
| Width | 752mm |
| Tensile Strength | 440 MPa with 540 MPa Stiffeners |
| | |

| 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 | 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) USB Quick Charge Kit Qi Wireless Charging Pocket for Mobile Devices 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) |
| Cruise Control | 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 | |
|--------------------------|---|
| Туре | All Steel Forward Control Manual Tilt |
| Cab Structure | ECE-R29 European Cab Strength Approved |
| Mounting | Hydroelastic 4 Point |
| Additional Engine Access | Removable Engine Access Panel |
| 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 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) | A 11.4 | B 13.4 |
| Road Speed (km/h) at Max Engine Speed | 123 | |
| Engine Speed (rpm) at 100km/hr (top gear) | 2957 | |
| Startability at Rated GVM (theoretical)* | 51% | |
| Gradeability at Rated GVM (theoretical)* | 74% | |
| Notes | *This is theoretical performance only. Actual performance may vary under different conditions | |

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| Mass (estimated)* | | | |
|-------------------|---|-------------|--|
| Front* | <mark>A</mark> 1740kg | B 1750kg | |
| Rear* | A 820kg | B 845kg | |
| Total* | A 2560kg | B 2595kg | |
| Notes | * Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-) | | |

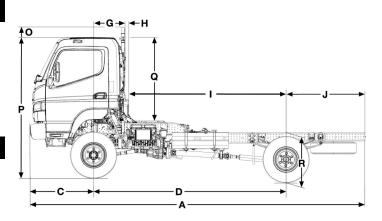
| Dimensions (mm) | | |
|---|------|------|
| WFF (Width Front Fender) (mm) | 1995 | |
| WRA (Width Rear Axle) (mm) | 2030 | |
| WRT (Width Rear Track) (mm) | 1560 | |
| Width Frame (mm) | 750 | |
| A - Length Overall (mm) | A | В |
| , | 5190 | 5935 |
| C - Front Overhang (mm) | 1125 | |
| D - Wheelbase (mm) | A | В |
| , , | 2815 | 3415 |
| G - Front Axle to Rear of Cab (mm) | 540 | |
| H - Rear of Cab to Rearmost | 0.1 | |
| Item Behind Cab (mm) | . 01 | |
| I - Rearmost Item Behind | Α | В |
| Cab to Rear Axle (mm) | 2194 | 2794 |
| J - Frame, Rear Axle to End | Α | В |
| (mm) | 1195 | 1395 |
| O - Air Intake to Cab Roof (mm) | 184 | |
| P - Height Cab to Ground (mm) | 2475 | |
| Q - Height Cab to Frame (mm) | 1504 | |
| R - Height Rear Frame to Ground (mm) | 881 | |
| | | |

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 $6.0\ \text{metres}$, 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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