

# FIGHTER

Drives so Well, You'll Forget it's a Truck



FUSO

## FK 7.0 4x2 Diesel

FK65F/B

199kW • 12000kg GVM • 20000kg GCM • LOW CHASSIS HEIGHT • ABS • AIR SUSPENSION



# SPECIFICATIONS

MODEL: FK65FLZ2RFAB lwb  
FK65FMZ2RFAB xlwb

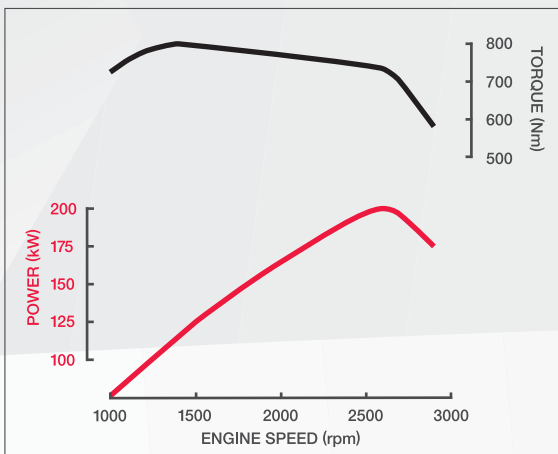
WHEELBASE: 5210mm  
5540mm

## ENGINE

### Mitsubishi FUSO 6M60-3AT2 Diesel (ADR 80/02)

Configuration: 6 Cyl. In-line OHC, 4-Valve  
Type: Turbocharged with Air to Air Intercooler, EGR, PCV, & Common Rail Fuel System, Catalytic Converter

Displacement: 7545cc  
Bore: 118mm  
Stroke: 115mm  
Power (ECE R85-00): 199kW @ 2600 rpm  
Torque (ECE R85-00): 785Nm @ 1400 rpm  
Maximum Engine Speed: 2900 rpm  
Compression Ratio: 17.5:1  
Oil Cooler: Plate Type, Water Cooled  
Air Cleaner: Dual Element Cyclonic with Vertical Intake & Air Restriction Indicator



## FUEL

Injection System: DENSO Common Rail System  
Governor: Electronic  
Tank Type: Rectangular Steel  
Fuel Capacity: 200 Litres

## COOLING

Fan: 540mm dia. 10 Blades  
Fan Drive: Thermo Modulated  
Radiator: Corrugated Fin with Expansion Tank

## ELECTRICAL

Voltage: 24V Negative Earth  
Alternator Capacity: 24V-50 amp  
Starter Capacity: 24V-5.0kW  
Battery Capacity: 2x12V, 52Ah/5hr  
Headlamp - Type: Halogen  
- Capacity: Low Beam 2x70W  
High Beam 2x75W

## CLUTCH

### Mitsubishi FUSO C7M38

Disc Diameter: 380mm  
Type: Single Dry Plate  
Operation: Air Assisted Hydraulic

## TRANSMISSION

### Mitsubishi FUSO M070S6-OD

No. of Speeds: 6 with Air Assisted Gearshift  
Synchronesh: 2nd-6th  
Ratios - 1st: 6.807  
- 2nd: 4.172  
- 3rd: 2.396  
- 4th: 1.504  
- 5th: 1.000  
- 6th: 0.774  
- Rev: 6.807  
PTO Opening: LH Side

## PROPELLER SHAFT

Type: P10  
Universal Joint: Needle Roller

## FRONT AXLE

### Mitsubishi FUSO F500T

Type: Reverse Elliot 'I' Beam  
Capacity: 5000kg

## REAR AXLE

### Mitsubishi FUSO R052T/D052H

Type: Full Floating Hypoid  
Capacity: 9500kg  
Ratio: 4.625:1

## STEERING

Type: Integral Power Assisted Ball and Nut  
Ratio: 18.0-19.8:1  
Steering Column: Tilt/Telescopic Adjustable with Lock



GVM: 12000kg  
12000kg

GCM: 20000kg  
20000kg



### BRAKES

Type: Full Air, Dual Circuit, Mitsubishi FUSO Taper Roller, ABS, Automatic Brake Adjustment

Size - Front: 370x150mm  
- Rear: 370x170mm

Park Brake: Rear Wheel Spring Actuated

Auxiliary: Exhaust Brake

Compressor: Water Cooled, 319cc Single Cyl.

Air Dryer Model: DU3

### FRONT SUSPENSION

Type: Parabolic Leaf with Stabiliser Bar

Size: 1300x70mm Leaves

Shock Absorbers: Double Acting

### REAR SUSPENSION (Air)

Type: Trailing Arm with Air Dump Control

Air Spring: 2x270mm dia.

Trailing Arm: (683+424)x80x35mm-2 Leaves

Capacity at Ground: 9500kg total

Shock Absorbers: Double Acting

### CHASSIS

Type: Parallel Channel with Reinforcement

Size: 230x80x8.0mm

Width: 844mm

Tensile Strength: 540Mpa

### WHEELS & TYRES

Wheel - Type: 7, Single Piece Disc

- Size: 19.5x6.75DC-147-12t

- Stud Pattern: 8x285mm PCD

Tyre - Size: 265/70R19.5 140/138M

Spare Tyre Carrier: Provided

### MASS (kg - estimated)

| Model        | Front | Rear | Total |
|--------------|-------|------|-------|
| FK65FLZ2RFAB | 2560  | 1485 | 4045  |
| FK65FMZ2RFAB | 2565  | 1500 | 4065  |

Note: Mass (est.) includes oil and water but excludes spare wheel, tools & fuel.

### INSTRUMENTS

Gauges: Speedometer with Odometer and Dual Tripmeter  
Tachometer  
Air Pressure (2)  
Fuel Level  
Water Temperature

Warning Lamps: ABS  
Turn Signal  
High Beam  
Exhaust Brake  
Park Brake  
Alternator  
Oil Filter Blockage  
Engine Control / Cruise Control (ECU)  
Air Filter Restriction  
Fuel Filter Water Contamination  
Door Opening  
Cab Tilt Lock  
Air Pressure  
Oil Pressure  
Engine Overheat / Low Coolant Level

Warning Lamp/Buzzer:

### CAB FEATURES

#### All Steel Forward Control

Type: Manual Tilt 44 deg.

Mounting: Hydroelastic Suspension 4 Point

Colour: Natural White

Interior: Fully Trimmed

Windscreen: Laminated Tinted

Windscreen Wipers: 2 Speed + Intermittent Cycle  
with Integrated Washer Nozzles

Door: 90 degree Opening Angle

Steering Column: Telescopic & Tilt

Rear Vision Mirrors - RH: Heated  
- LH: Remote / Heated with Convex Spotter

Seating Capacity: 3

Seat Belts: 2 ELR Lap Sash, 1 Lap

Seats - Driver: Air Suspension with Auto Levelling Height Control  
4 Way Adjustable with Lumbar Support  
Integral Headrest and Fabric Trim  
Low Back with Fabric Trim  
Forward Folding  
Fixed Base  
Reclining  
Integral Headrest and Fabric Trim

### MAX. LOADING

| Front  | Rear   | Total   |
|--------|--------|---------|
| 5000kg | 9200kg | 12000kg |



1. Full 90 degree door opening for easy access. Passenger door has transom window for improved visibility.
2. New air suspension driver's seat provides higher levels of comfort and support.
3. Spacious cab with air-conditioning, CD player, cruise control, electric windows and keyless central locking.
4. All Fighters are fitted with Anti Lock Brakes (ABS) for greater safety.
5. New powerful engine with lower emissions compared with ADR80/00 models. Selected Fighters have a significant boost in power and torque over ADR80/00 models.

# SPECIFICATIONS

Typical Applications



Tray Top

Cubic Van

## STANDARD FEATURES

### Driving

- Keyless Central Locking
- Electric Windows
- Cruise Control
- LH Transom Window
- 24V Accessory Power Outlet / Cigar Lighter
- Air Conditioner / Heater / Demister
- Radio / CD Player
- Cup Holders (4)
- Interior Sun Visors (RH Side)
- Opening Rear Quarter Glass
- Fluorescent Cabin Lamp
- Interior and Map Readings Lamps
- Engine Idle Speed Control

### Storage

- Centre Seat Storage Console
- LH Seat Storage Tray
- Rear Bunk Storage Pocket
- Dash Storage Tray 2 DIN Glove Compartment
- 1 Single & 1 Double DIN Slot for Accessories
- Overhead Storage Pocket with Lid
- RH Door Storage Pocket

### Cab: External

- Roof Mounting Points (max. static load 50kg)
- Front End-Outline Marker Lamps
- Tinted Side & Rear Glass

### Chassis

- Tool Kit
- Chassis Mounted Tool Box
- Reverse Warning Buzzer

## DIMENSIONS (mm)

|                   |  | FK65FL<br>Z2RFAB | FK65FM<br>Z2RFAB |
|-------------------|--|------------------|------------------|
| Width             | Front Fender:                                  | 2170             | 2170             |
|                   | Rear Axle:                                     | 2263             | 2285             |
| Length            | Front Track:                                   | 1775             | 1775             |
|                   | Rear Track:                                    | 1705             | 1705             |
|                   | Frame:   | 844              | 844              |
|                   | A Overall:                                     | 8645             | 9075             |
|                   | C Front Overhang:                              | 1135             | 1135             |
| Height            | D Wheelbase:                                   | 5210             | 5540             |
|                   | G Front Axle to Rear of Cab:                   | 855              | 855              |
|                   | H Rear of Cab to Rear of Engine cover:         | 130              | 130              |
|                   | I Frame, Rear of Engine Cover to Rear Axle:    | 4225             | 4555             |
|                   | J Frame, Rear Axle to End:                     | 2300             | 2400             |
|                   | N Overall:                                     | 2740             | 2740             |
|                   | P Cab to Ground:                               | 2535             | 2535             |
| Q Cab to Frame:   |  | 1669             | 1669             |
|                   | R Rear Frame to Ground, Suspension - Inflated: | 854              | 854              |
|                   |  | - Deflated       | 802              |
| Ground Clearance: |  | 200              | 200              |

## PERFORMANCE (Calculated - Paved Road)

|   |       |       |
|---|-------|-------|
| Road Speed (km/h) at Max. Engine Speed: | 128   | 128   |
| Gradeability** at Rated GVM:            | 49.6% | 49.6% |
| Gradeability** at Rated GCM:            | 27.2% | 27.2% |
| Turning Circle (kerb to kerb):          | 18.2m | 19.4m |

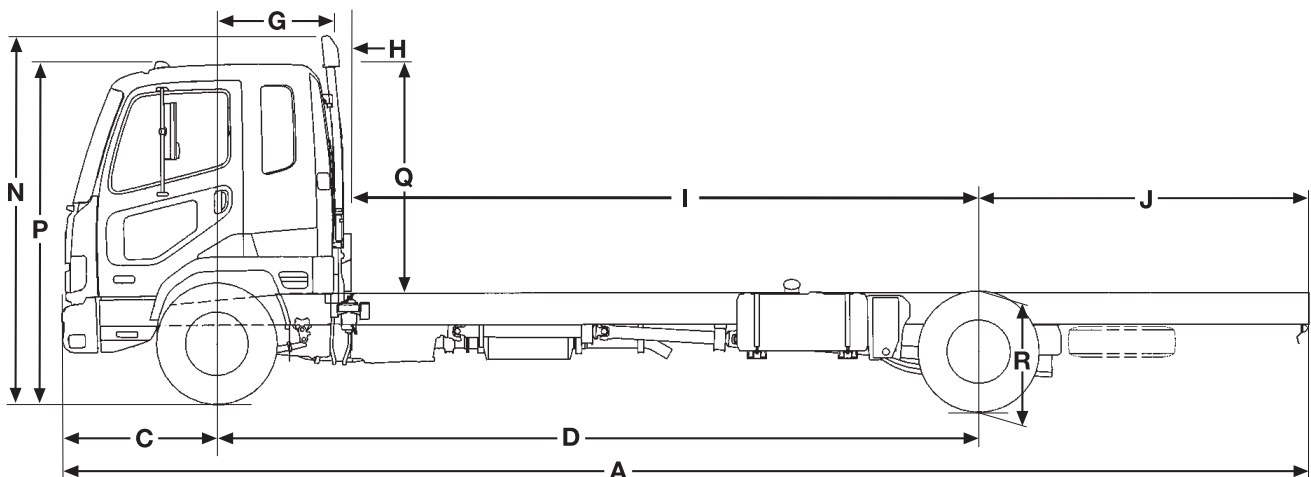
\* This is Theoretical Performance (it may vary under different conditions).



### WARRANTY

Basic/Powertrain - 3 Years, 150000kms, 3000 operating hours:  
and 3 Years Cab Perforation /Anti Corrosion.  
\* whichever occurs first.  
See [www.fuso.com.au](http://www.fuso.com.au) for full details.

'M' model illustrated



- Note: 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 other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.
  - If overall length exceeds 6.0 metres, side reflectors must be installed.
  - If overall length exceeds 7.5 metres, side marker lamps must be installed.
  - If overall width is less than 2.4 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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