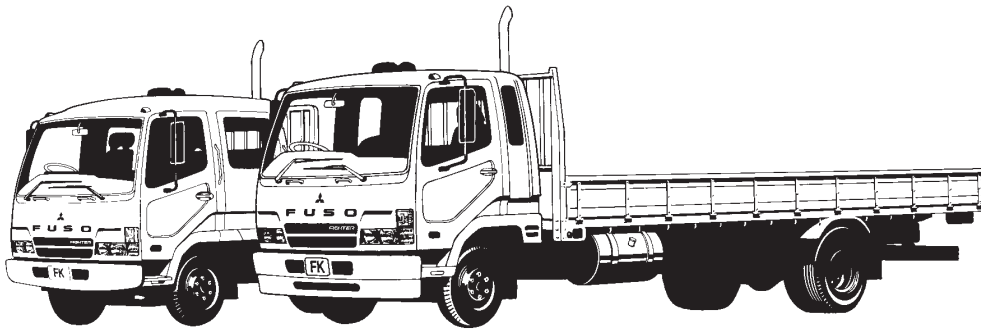


# FIGHTER 6.0

**FK61F-17.5"**  
177kW 4x2



| MODEL                     | W/Base | GVM     | GCM     |
|---------------------------|--------|---------|---------|
| FK61FL1JRFAF xlbw         | 5210mm | 10400kg | 20000kg |
| FK61FM1JRFAF xxlbw        | 5540mm | 10400kg | 20000kg |
| FK61FKWJRFAF lwb Crew Cab | 4870mm | 10400kg | 20000kg |

## ENGINE

**Mitsubishi 6M60-1AT1 Diesel (ADR80/00)**  
 Configuration: 6 Cyl. In-line OHC, 4-Valve  
 Type: Turbocharged with Air to Air Intercooler, Common Rail Fuel System and Catalytic Converter  
 Displacement: 7545cc  
 Bore: 118mm  
 Stroke: 115mm  
 Power (ECE R85-00): 177kW @ 2600 rpm  
 Torque (ECE R85-00): 686Nm @ 1400 rpm  
 Maximum Engine Speed: 2900 rpm  
 Compression Ratio: 17.8:1  
 Oil Cooler: Plate Type, Water Cooled

## FUEL

Injection System: DENSO Common Rail System  
 Governor: Electronic  
 Controls: Key Operated Start/Fuel Engine Idle Emergency Stop  
**Cruise Control** (range 40-100 km/h)  
 Filtration: Main Filter and Water Separator  
 Fuel Capacity: 185 Litres  
 Air Cleaner: Dual Element Cyclopac with Vertical Intake and Air Restriction Indicator

## COOLING

Fan: 520mm dia. 6 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, 65Ah/20hr  
 Headlamp - Type: Quartz Halogen Multi Parabola  
 - Capacity: Low Beam 2x70W High Beam 4x70W

## CLUTCH

**Mitsubishi C7M38**  
 Disc Diameter: 380mm  
 Type: Single Dry Plate  
 Operation: Air Assisted Hydraulic  
 Facing - Area: Cerametallic - 638.4cm<sup>2</sup>

## TRANSMISSION

**Mitsubishi M070S6-D**  
 No. of Speeds: 6 with Air Assisted Gearshift  
 Synchronesh: 2nd-6th  
 Ratios - 1st: 8.064  
 - 2nd: 5.443  
 - 3rd: 3.064  
 - 4th: 1.824  
 - 5th: 1.321  
 - 6th: 1.000  
 - Rev. 7.354  
 PTO Opening: LH Side

## PROPELLER SHAFT

Type: P10  
 Universal Joint: Needle Roller

## FRONT AXLE

**Mitsubishi F040T**  
 Type: Reverse Elliot '1' Beam  
 Capacity - Axle: 3600kg  
 Max. Load Rating at Ground: 3600kg

## REAR AXLE

**Mitsubishi R050T/D052H**  
 Type: Full Floating Hypoid  
 Capacity - Axle: 7700kg  
 Max. Load Rating at Ground: 6800kg  
 Ratio: 3.545:1

## STEERING

Type: Integral Power Assisted Ball and Nut  
 Ratio: 17.1-20.0:1  
 Steering Wheel: 450mm Urethane  
 Steering Column: Tilt/Telescopic Adjustable with Lock

## BRAKES

Type: Air Actuated Hydraulic Dual Circuit  
 Size - Front: 320x120mm  
 - Rear: 320x140mm  
 Lining - Area/Swept: Asbestos Free - 3224/5230cm<sup>2</sup>  
 Park Brake: Rear Wheel Spring Actuated  
 Auxiliary: Exhaust Brake  
 Compressor: Air Cooled, 201cc Single Cyl.  
 Air Dryer Model: DR4

## FRONT SUSPENSION

Type: Parabolic Leaf  
 Size: 1300x70x15mm-4 Leaves  
 Capacity at Ground: 1810kg ea.  
 Shock Absorbers: Double Acting

## REAR SUSPENSION

Type: Semi-Elliptic Leaf  
 Size: 1300x70x11mm-9 Leaves  
 Auxiliary: 900x70x10mm-7 Leaves  
 Capacity at Ground: 3500kg ea.

## CHASSIS

Type: Parallel Channel  
 Size: 228x80x7.0mm  
 Width: 840mm  
 Tensile Strength: 55kg/mm<sup>2</sup>

## WHEELS & TYRES

Wheel - Type: 7, Single Piece Disc  
 - Size: 17.5x6.00DC-135-9t  
 - Stud Pattern: 6x222.25mm PCD  
 Tyre - Size: 225/90R17.5LT 128/126L  
 Spare Tyre Carrier: Provided

## OPTIONAL EQUIPMENT

R50 (L, M. only): 370 Litre (2x185) Fuel Capacity

## MASS (kg - estimated)

| Model        | Front | Rear | Total |
|--------------|-------|------|-------|
| FK61FL1JRFAF | 2140  | 1230 | 3370  |
| FK61FM1JRFAF | 2190  | 1200 | 3390  |
| FK61FKWJRFAF | 2290  | 1315 | 3605  |

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

## CAB FEATURES

### All Steel Forward Control

- Type: L, M. Manual Tilt 44 deg.  
KW. Elec/Hyd. Tilt 44 deg.
- Mounting: L, M. Hydroelastic Suspension 4 Point  
KW. Isolated Rubber 3 Point
- Colour: Natural White
- Interior: Fully Trimmed
- Windscreen: Laminated Tinted
- Windscreen Wipers: 2 Speed - Intermittent Cycle
- Rear Vision Mirrors: RH. Heated  
LH. Remote/Heated with Convex Spotter
- Seating Capacity: L, M. 3  
KW. 7
- Seat Belts: L, M. 2 ELR Lap Sash, 1 Lap  
KW. 4 ELR Lap Sash, 3 Lap
- Seats Driver: - Air Suspension with Auto  
Levelling Height Control  
- 32 Stage Reclining  
- 11 Stage Sliding  
- Front and Rear Height Adjuster  
- Lumbar Support  
- Integral Headrest and Fabric Trim
- Centre: - Low Back with Fabric Trim  
- Forward Folding
- LH: - Fixed Base  
- 32 Stage Reclining  
- Integral Headrest and Fabric Trim
- Rear KW: - Bench Type  
- Low Back with Fabric Trim

## INSTRUMENTS

### Gauges:

- Speedometer with Odometer and Dual Tripmeter
- Tachometer
- Air Pressure (2)
- Fuel Level
- Water Temperature
- Digital Clock

### Warning Lamps:

- Turn Signal
- High Beam
- Exhaust Brake
- Park Brake
- Alternator
- Oil Filter Blockage
- Engine/Cruise Control (ECU)
- Air Filter Restriction
- Door
- Cab Tilt (KW. inc's buzzer)

### Warning Lamp/Buzzer:

- Air Pressure
- Brake Fluid Level/Dual Circuit
- Oil Pressure
- Engine Overheat/Low Coolant Level

## STANDARD EQUIPMENT

- Electric Windows (front only) and Central Locking
- Tinted Side and Rear Glass
- **Air Conditioner/Heater Demister**
- AM/FM ETR Radio with Cassette and CD Player
- Centre Seat Storage Console (except KW)
- LH Seat Storage Tray
- Overhead Storage Pocket with Lid (L, M)
- Overhead Storage Pocket (KW)
- RH Door Storage Pocket
- Rear Bunk Storage Pockets (except KW)
- Cup Holders, 2 (except KW)
- Opening Rear Quarter Windows (except KW)
- Interior Sun Visors
- Fluorescent Cabin Lamp (except KW)
- Interior and Map Reading Lamps
- Windscreen Washers
- Hazard Warning Lamps
- Front End-Outline Marker Lamps
- Cigar Lighter
- Roof Mounting Points (max. static load 50kg)
- Electric Horn
- Reverse Warning Buzzer
- Tool Kit
- Chassis Mounted Tool Box
- Vertical Exhaust Outlet
- Front Bumper Air Dam

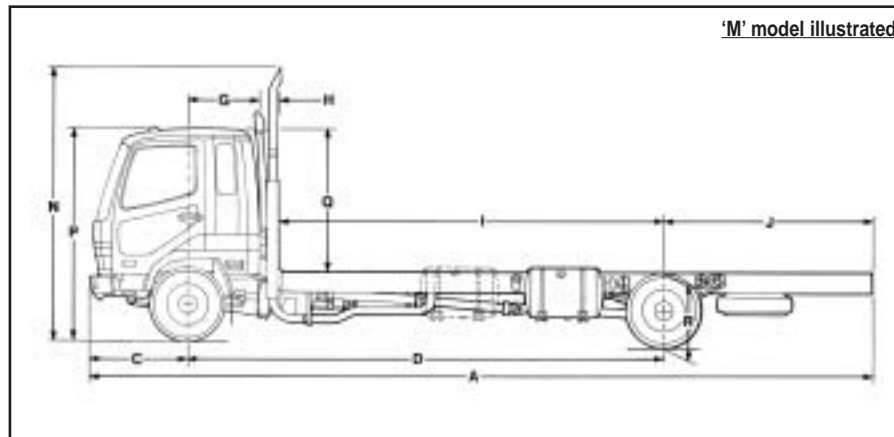
## DIMENSIONS (mm)

|        |                                    | FK61FL<br>1JRFAF | FK61FM<br>1JRFAF | FK61FKW<br>JRFAF |
|--------|------------------------------------|------------------|------------------|------------------|
| Width  | Front Fender:                      | 2170             | 2170             | 2170             |
|        | Rear Axle:                         | 2165             | 2165             | 2165             |
|        | Front Track:                       | 1780             | 1780             | 1780             |
|        | Rear Track:                        | 1660             | 1660             | 1660             |
|        | Frame:                             | 840              | 840              | 840              |
|        | Max. Recommended Body Width:       | 2500             | 2500             | 2500             |
| Length | A Overall:                         | 8645             | 9075             | 8095             |
|        | C Front Overhang:                  | 1135             | 1135             | 1135             |
|        | D Wheelbase:                       | 5210             | 5540             | 4870             |
|        | G Front Axle to Rear of Cab:       | 855              | 855              | 1555             |
|        | H Rear of Cab to Vertical Exhaust: | 210              | 210              | 235              |
|        | I Frame, Exhaust to Rear Axle:     | 4145             | 4475             | 3080             |
|        | J Frame, Rear Axle to End:         | 2300             | 2400             | 2090             |
|        | N Overall:                         | 3225             | 3225             | 3230             |
| Height | P Cab to Ground:                   | 2495             | 2495             | 2570             |
|        | Q Cab to Frame:                    | 1654             | 1654             | 1736             |
|        | R Rear Frame to Ground:            | 890              | 890              | 890              |
|        | Ground Clearance:                  | 190              | 190              | 190              |

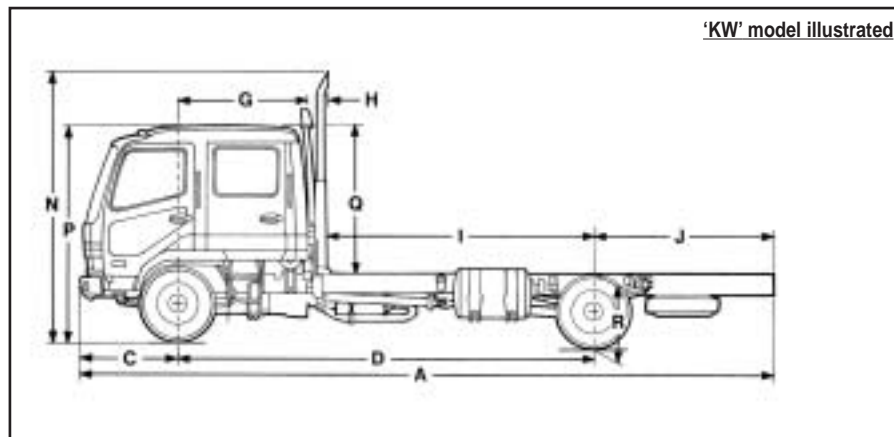
## PERFORMANCE (Calculated - Paved Road)

|   |       |       |       |
|---|-------|-------|-------|
| Road Speed (km/h) at Max. Engine Speed: | 128   | 128   | 128   |
| Gradeability at Rated GVM:              | 46.0% | 46.0% | 46.0% |
| Gradeability at Rated GCM:              | 21.7% | 21.7% | 21.7% |
| Turning Circle (kerb to kerb):          | 16.4m | 17.4m | 15.8m |

'M' model illustrated



'KW' model illustrated



Note: Chassis reinforcement must be utilised for Tipper/Demountable type body configurations.

To conform with ADR 13/.. and 14/.. (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.