

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 - 638.4cm²

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 - 3224/5230cm²
 Park Brake: Rear Wheel Spring Actuated
 Auxiliary: Exhaust Brake
 Compressor: Water Cooled, 154cc 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/mm²

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

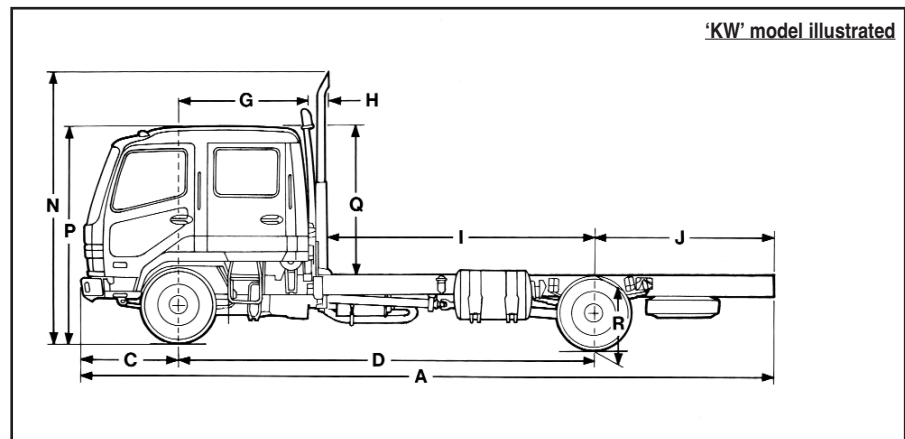
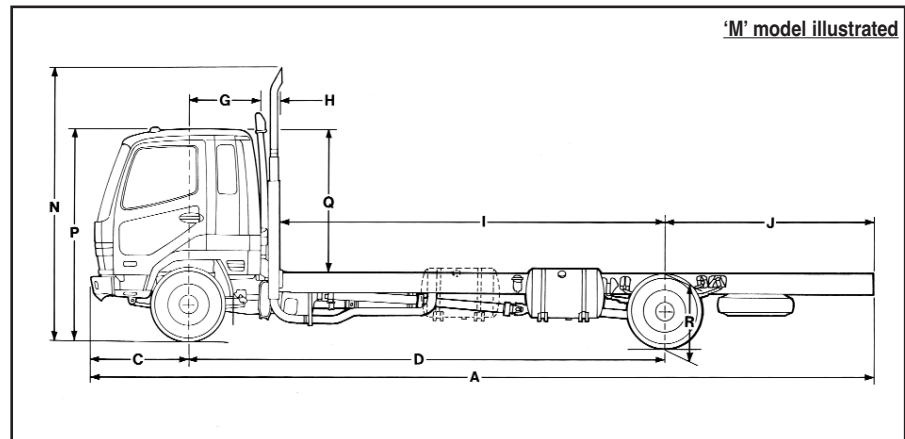
- Electric Windows (front only) and Central Locking
- Tinted Side and Rear Glass
- **Air Conditioner/Heater Demister**
- AM/FM ETR Radio with Cassette and CD Player
- Centre Seat Storage Console (except KW)
- LH Seat Storage Tray
- Overhead Storage Pocket with Lid (L, M)
- Overhead Storage Pocket (KW)
- 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 (except KW)

DIMENSIONS (mm)

		FK61FL 1JRFAF	FK61FM 1JRFAF	FK61FKW 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
Length	Max. Recommended Body Width:	2500	2500	2500
	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
Height	N Overall:	3225	3225	3230
	P Cab to Ground:	2495	2495	2570
	Q Cab to Frame:	1654	1654	1736
	R Rear Frame to Ground:	885	885	885
	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



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.

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