

# FIGHTER 5.0

**FK617-17.5"**  
145kW 4x2



**FUSO**

MODEL	W/Base	GVM	GCM
FK617HSJRFAH mwb	4270mm	9800kg	16000kg
FK617KSJRFAH lwb	4870mm	9800kg	16000kg

## ENGINE

**Mitsubishi 6D16-3AT3 Diesel (ADR80/00)**  
 Configuration: 6 Cyl. In-line OHV  
 Type: Turbocharged with Air to Air Intercooler and Catalytic Converter  
 Displacement: 7545cc  
 Bore: 118mm  
 Stroke: 115mm  
 Power (ECE R85-00): 145kW @ 2600 rpm  
 Torque (ECE R85-00): 575Nm @ 1600 rpm  
 Maximum Engine Speed: 3000 rpm  
 Compression Ratio: 18.0:1  
 Oil Cooler: Plate Type, Water Cooled

## FUEL

Pump: MD-TICS (pre-stroke control) In-line Type  
 Governor: RED-III Electronic  
 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 C6M35**  
 Disc Diameter: 350mm  
 Type: Single Dry Plate  
 Operation: Hydraulic  
 Facing - Area: Cerametallic - 456cm<sup>2</sup>

## TRANSMISSION

**Mitsubishi M060S6-OD**  
 No. of Speeds: 6  
 Synchronesh: 2nd~6th  
 Ratios - 1st: 6.875  
 - 2nd: 4.189  
 - 3rd: 2.460  
 - 4th: 1.542  
 - 5th: 1.000  
 - 6th: 0.786  
 - Rev. 6.875  
 PTO Opening: LH Side

## PROPELLER SHAFT

Type: P8  
 Universal Joint: Needle Roller

## FRONT AXLE

**Mitsubishi F040T**  
 Type: Reverse Elliot '1' Beam  
 Capacity - Axle: 3600kg  
 Max. Load Rating at Ground: 3400kg

## REAR AXLE

**Mitsubishi R050T/D050H**  
 Type: Full Floating Hypoid  
 Capacity - Axle: 7700kg  
 Max. Load Rating at Ground: 6400kg  
 Ratio: 4.111:1

## 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: Transmission Mounted  
 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: 215/75R17.5LT 126/124M  
 Spare Tyre Carrier: Provided

## OPTIONAL EQUIPMENT

H38: 8000kg GVM Rating

## MASS (kg - estimated)

Model	Front	Rear	Total
FK617HSJRFAH	2020	1130	3150
FK617KSJRFAH	2025	1180	3205

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

## 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
Rear Vision Mirrors:	RH. Heated
	LH. Remote/Heated with Convex Spotter
Seating Capacity:	3
Seat Belts:	2 ELR Lap Sash, 1 Lap
Seats	<u>Driver:</u> - 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
	<u>Centre:</u> - Low Back with Fabric Trim
	- Forward Folding
	<u>LH:</u> - Fixed Base
	- 32 Stage Reclining
	- Integral Headrest and 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 Control (ECU)
- Air Filter Restriction
- Door
- Cab Tilt

### Warning Lamp/Buzzer:

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

## STANDARD EQUIPMENT

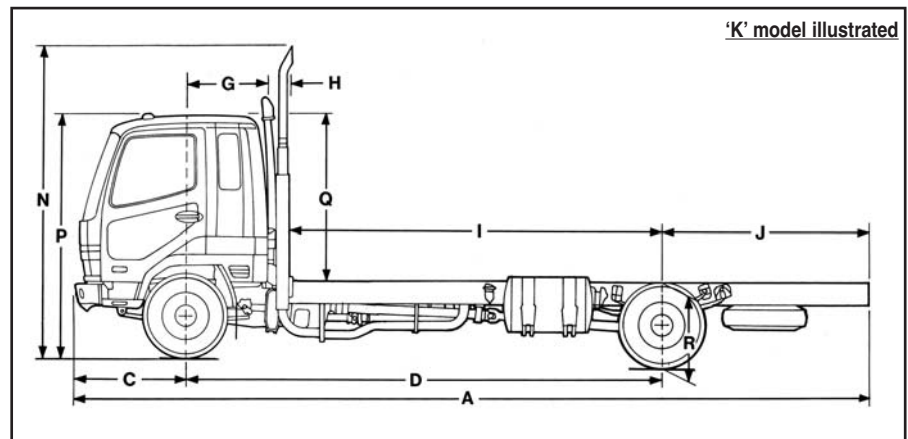
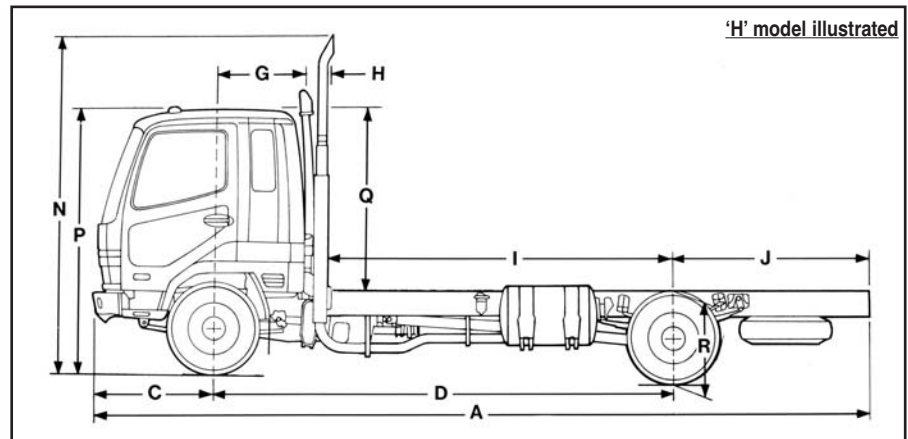
- Electric Windows and Central Locking
- Tinted Side and Rear Glass
- **Air Conditioner/Heater Demister**
- AM/FM ETR Radio with Cassette and CD Player
- Centre Seat Storage Console
- LH Seat Storage Tray
- Overhead Storage Pocket with Lid
- RH Door Storage Pocket
- Rear Bunk Storage Pockets
- Cup Holders (2)
- Opening Rear Quarter Windows
- Interior Sun Visors
- Fluorescent Cabin Lamp
- Interior and Map Reading Lamps
- Key Operated Start/Fuel Control
- Engine Emergency Stop Control
- Engine Idle Speed Control
- 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

## DIMENSIONS (mm)

		FK617H	FK617K
		<b>SJRFAH</b>	<b>SJRFAH</b>
Width	Front Fender:	2170	2170
	Rear Axle:	2165	2165
	Front Track:	1780	1780
	Rear Track:	1660	1660
	Frame:	840	840
	Max. Recommended Body Width:	2500	2500
Length	A Overall:	7220	8095
	C Front Overhang:	1135	1135
	D Wheelbase:	4270	4870
	G Front Axle to Rear of Cab:	855	855
	H Rear of Cab to Vertical Exhaust:	210	210
Height	I Frame, Exhaust to Rear Axle:	3205	3805
	J Frame, Rear Axle to End:	1815	2090
	N Overall:	3195	3195
	P Cab to Ground:	2465	2465
	Q Cab to Frame:	1654	1654
	R Rear Frame to Ground:	850	850
		Ground Clearance:	150

## PERFORMANCE (Calculated - Paved Road)

Road Speed (km/h) at Max. Engine Speed:	132	132
Gradeability at Rated GVM:	44.4%	44.4%
Gradeability at Rated GCM:	25.2%	25.2%
Turning Circle (kerb to kerb):	13.8m	15.4m



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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