

FIGHTER

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



FUSO

FK 8.0 4x2 Diesel

FK65F/A

199kW • 13500kg GVM • 20000kg GCM • LOW CHASSIS HEIGHT • ABS • AIR SUSPENSION



SPECIFICATIONS

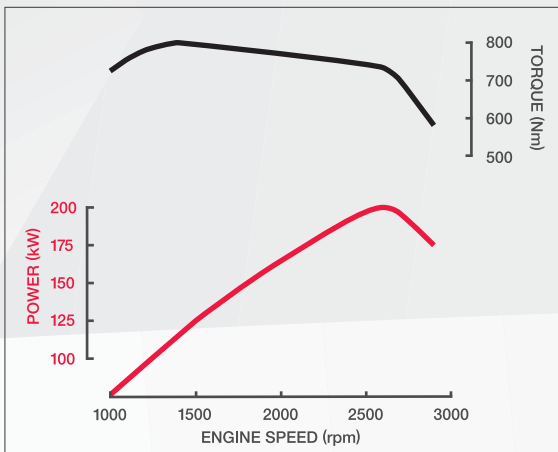
MODEL: FK65FLZ2RFAA lwb
FK65FMZ2RFAA xlwb

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: 13500kg GCM: 20000kg
 13500kg 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-2Leaves
 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
FK65FLZ2RFAA	2560	1485	4045
FK65FMZ2RFAA	2570	1500	4070

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
 - Centre: Low Back with Fabric Trim
 Forward Folding
 - LH: Fixed Base
 Reclining
 Integral Headrest and Fabric Trim

MAX. LOADING

Front	Rear	Total
5000kg	9200kg	13500kg



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



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 Z2RFAA	FK65FM Z2RFAA
Width	Front Fender:	2170	2170
	Rear Axle:	2263	2263
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
Ground Clearance:	R Rear Frame to Ground, Suspension - Inflated:	854	854
	- Deflated	802	802
		200	200

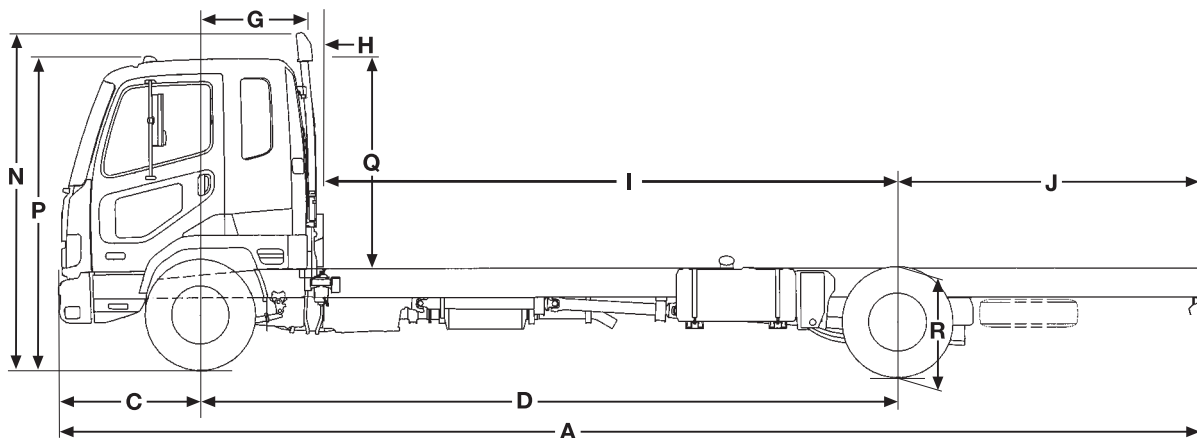
PERFORMANCE (Calculated - Paved Road)

Electronically Speed Limited to (km/h):	*100	*100
Gradeability** at Rated GVM:	42.9%	42.9%
Gradeability** at Rated GCM:	27.2%	27.2%
Turning Circle (kerb to kerb):	18.2m	19.4m

*Conforms to ADR 65/..

** 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. <small>* whichever occurs first. See www.fuso.com.au for full details.</small>



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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