



# FIGHTER

Fighter 1427.

4x2 / 6-SP MANUAL / AIR SUSP.



**CLASS LEADING 30,000KM SERVICE INTERVALS.**

**GVM**

**14,000<sub>KG</sub>**

**GCM**

**20,000<sub>KG</sub>**

**Power/Torque**

**199<sub>KW</sub> / 784<sub>NM</sub>**

- Medium rigid licence required.

# FIGHTER SPECIFICATIONS

## MODEL

4X2 1427 AIR SUSP. XLWB (FK65FMZ2RFAH)

## WHEEL BASE

5540mm

## GVM

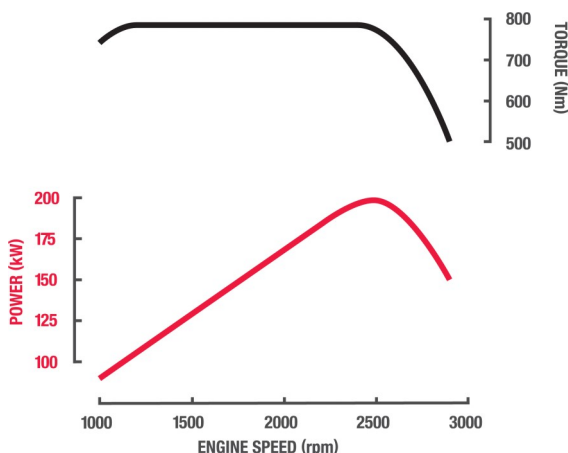
14,000kg

## GCM

20,000kg

### Engine

Engine Version	FUSO 6M60-9AT2 Diesel
Configuration	6 Cyl. In-line OHC, 4-Valve
Injection System	DENSO Common Rail System Electronically Controlled Direct Injection
Type	Variable Geometry Turbo Charged Air to Air Intercooler
Displacement	7.5 litre (7545cc)
Bore	118mm
Stroke	115mm
Power (ECE R85-00)	199kW @ 2500 rpm
Torque (ECE R85-00)	784Nm @ 1100-2400 rpm
Maximum Engine Speed	2900 rpm
Compression Ratio	16.0:1
Cooling System / Oil Cooler	Water cooled, 23.0L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR) after-treatment system (BlueTec), Positive Crankcase Ventilation (PCV)
Emission Level	ADR 80/03 - Euro 5



### Fuel

Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity *	200 Litres
AdBlue Exhaust Fluid Capacity	22 Litres
Speed Limiter	Speed Limited 100km/h
Notes	*Max Fill to approx 95% of capacity

### Cooling

Fan Drive	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

### Electrical

Voltage	24V Negative Earth
Battery Capacity	2x12V, 100Ah/20hr
Headlamp Type	Halogen
Headlamp Capacity	Low Beam 2x70W High Beam 2x75W

### Clutch

Clutch Model	FUSO C7M38
Type	Single Dry Plate
Operation/Specification	Air Assisted Hydraulic

### Transmission

Version	FUSO Manual M070S6-OD
Type/Speeds	6 with Air Assisted Gearshift
Features	Synchromesh 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

Axle Version	FUSO F500T
Type	Reverse Elliot 'I' Beam
Capacity *	5000kg
Notes	*See MAX LOADING for vehicle capacity.

### Front Suspension

Type	Parabolic Leaf with Double Acting Shock Absorbers
Size	1300x70mm Leaves

### Rear Axle

Type	Full Floating Hypoid
Axle Version	FUSO R052T/D052H
Capacity*	9500kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacity.

### Rear Suspension

Type	Air Suspension
Details	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Air Spring	2x270mm dia.
Trailing Arm	(683+424)x80x35mm-2 Leaves

### Max Loading

Front	5000kg
Rear	9200kg
Total	14000kg

### Options

### Steering

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

### Brakes

Type	Full Air, Dual Circuit, FUSO Taper Roller, Automatic Brake adjustment, ABS with ASR (Anti Slip Regulator)
Size Front	370x150mm
Size Rear	370x150mm
Park Brake	Rear Wheel Spring Actuated
Auxiliary	Exhaust Brake
Compressor	Water Cooled, 340cc Single Cyl.
Air Dryer Model	DU5

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MODEL	WHEEL BASE	GVM	GCM
4X2 1427 AIR SUSP. XLWB (FK65FMZ2RFAH)	5540mm	14,000kg	20,000kg

Wheels & Tyres		Standard Features	
Wheel Type	7, Single Piece Disc	Airbag(s)	Driver's Air Bag and Seat Belt Pre-tensioners
Wheel Size	19.5x6.75DC-147-13t	Hill Start System	Yes
Wheel Stud Pattern	8x275mm PCD	Cab Cooling & Heating	Air Conditioner / Heater / Demister
Tyre Size All	265/70R19.5 140/138M	Accessory Power	24V Accessory Power Outlet / Cigar Lighter
Spare Tyre Carrier	Provided	Driving	ASR (Traction Control) Keyless Central Locking Electric Windows Cruise Control LH Transom Window Fuso Multimedia Unit Cup Holders (4) Rear Quarter Glass Fluorescent Cabin Lamp and Interior Reading Lamps Engine Idle Speed Control
Chassis		Storage	Centre Seat Storage Console 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
Type	Parallel Channel with Reinforcement	Cab: External	Roof Mounting Points (max. static load 70kg) Front End-Outline Marker Lamps
Size	230x80x8.0mm	Chassis	Chassis Mounted Tool Box Reverse Warning Buzzer Integrated Front Underrun Protection System (FUPS)
Width	844mm		
Tensile Strength	540Mpa		
Instruments		Service Intervals	
Gauges	Speedometer with Odometer Tachometer Air Pressure (2) Fuel Level Water Temperature	Interval*	30,000km or 12 Months (whichever occurs first)
Colour Information Display	Fuel Consumption Service Indicators Hour Meter and Tripmeter	Warranty*	
Warning Lamps	ABS Turn Signal High Beam Exhaust Brake Oil Level Ad Blue Low Fuel Low Park Brake Alternator Oil Filter Blockage Engine Control / Cruise Control ECU) Air Filter Restriction Fuel Filter Water Contamination Door Opening	Basic/Powertrain	5 Years or 300,000kms (whichever occurs first)
Warning Lamp/Buzzer	Air Pressure Oil Pressure Engine Overheat / Low Coolant Level	Cab Perforation/Anti Corrosion	5 Years
		Notes	* Please refer to Fuso Owners Warranty Booklet for additional terms and conditions.
Multi-Media Package		Performance	
Satellite Navigation	GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included.	Turning Circle (kerb to kerb - metres)	19.4
Colour Display	6.2 inch LCD with touch screen control	Electronically Speed Limited to:	100km/hr Conforms to ADR65/00
Phone Connectivity	Bluetooth® hands free	Engine Speed (rpm) at 100km/hr (top gear)	2249
Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB	Gradeability at Rated GVM (theoretical)*	41%
Camera Compatibility	Reverse camera (Factory Fitted) + 5 additional camera options #	Gradeability at Rated GCM (theoretical)*	25%
Notes	# Cameras available through spare parts	Notes	*This is theoretical performance only. Actual performance may vary under different conditions
		Mass estimated*	
		Front*	2560kg
		Rear*	1520kg
		Total*	4080kg
		Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)

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## WHEEL BASE

5540mm

## GVM

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## GCM

20,000kg

### Dimensions mm

WFF (Width Front Fender) (mm)	2170
WRA (Width Rear Axle) (mm)	2270
WFT (Width Front Track) (mm)	1780
WRT (Width Rear Track) (mm)	1710
Width Frame (mm)	844
A - Length Overall (mm)	9075
C - Front Overhang (mm)	1135
D - Wheelbase (mm)	5540
G - Front Axle to Rear of Cab (mm)	855
H - Rear of Cab to Rearmost Item Behind Cab (mm)	130
I - Rearmost Item Behind Cab to Rear Axle (mm)	4555
J - Frame, Rear Axle to End (mm)	2400
P - Height Cab to Ground (mm)	2525
Q - Height Cab to Frame (mm)	1669
R - Height Rear Frame to Ground (mm)	Inflated: 858 Deflated: 802

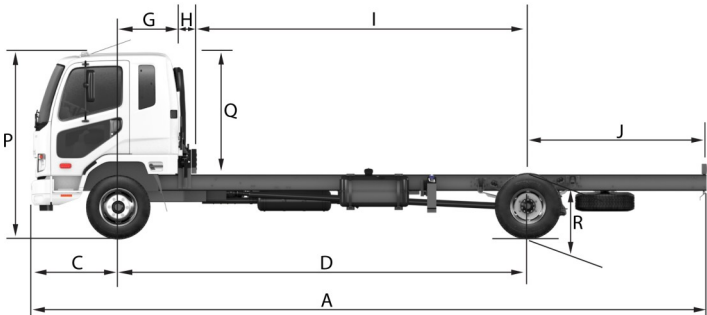
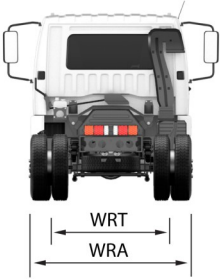
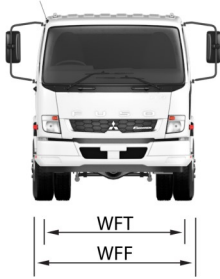
### Body Builder's Notes

#### Notes

Chassis reinforcement must be utilised for Tipper/ Demountable type body configurations.  
To conform with ADR 13/00 and 14/03 (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 42/05 (General Safety), rear wheel guards must be fitted to the vehicle.



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