



# FIGHTER

Fighter 2427.

6x2 - 6x4 / 9-SP MAN / STEEL or AIR SUSP.



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

#### GVM

23,200<sub>KG</sub> to  
24,000<sub>KG</sub>

#### GCM

32,000<sub>KG</sub>

#### Power/Torque

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

- Heavy rigid licence required

# FIGHTER SPECIFICATIONS

## MODEL

A	6X2 2427 AIR SUSP. XXLWB 9 SP. MAN (FN63FU2RFAK)
C	6X4 2427 AIR SUSP. XXLWB 9 SP. MAN (FN64FU2RFAK)

## WHEEL BASE

6530mm
6530mm

## GVM

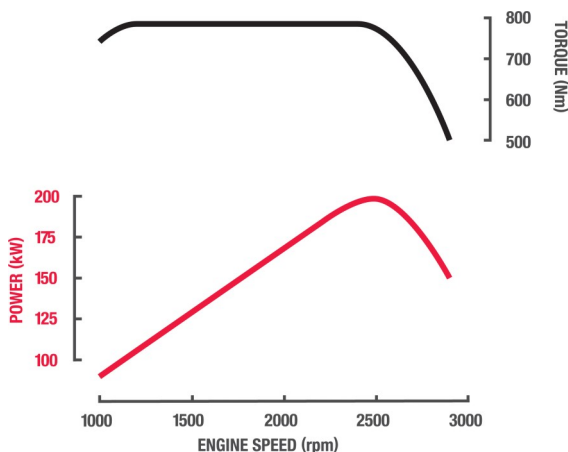
23,200kg
24,000kg

## GCM

32,000kg
32,000kg

### 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 Aluminium Tank with Locking Cap
Fuel Capacity *	400 Litres
AdBlue Exhaust Fluid Capacity	40 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	Eaton Manual ES-11109 (Fuso Code M060S9)
Type/Speeds	9 Speed
Features	Synchromesh 1L~4H
Ratios	Low Range Low: 12.64 1st: 8.81 2nd: 6.55 3rd: 4.77 4th: 3.55 High Range 1st: 2.48 2nd: 1.85 3rd: 1.34 4th: 1.00 Rev. 13.21
PTO Opening	LH Side & Rear

### Propeller Shaft

Type	A P140	C P140/P8
Universal Joint	Needle Roller	

### Front Axle

Axle Version	FUSO F650T
Type	Reverse Elliot "I" Beam
Capacity *	6300kg
Notes	*See MAX LOADING for vehicle capacity.

### Front Suspension

Type	Parabolic Leaf with Double Acting Shock Absorbers
Size	1400x80mm Leaves

### Rear Axle

Type	A Full Floating Hypoid Drive with Trailing Rear	C Full Floating Hypoid, Tandem Drive with Inter-Axle Diff Lock
Axle Version	A FUSO R10T/10D, D10H	C FUSO R10TT/10T, D10HT/10H
Capacity*	A 17200kg	C 21600kg
Ratio	4.222:1	
Notes	*See MAX LOADING for vehicle capacity.	

### Rear Suspension

Type	Air Suspension
Details	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Size Main Leaves	N/A
Air Spring	2x250mm dia. per Axle
Trailing Arm	(643+390)x80x35mm-2 Leaves
Road Friendly Certification Number	RF2011
Capacity at Ground *	18000kg total

### Max Loading

Front	6000kg	
Rear	A 17200kg	C 18000kg
Total	A 23200kg	C 24000kg

### Options

Options	R02: Limited Slip Differential (LSD) to Drive Axle
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### Steering

Type	Integral Power Assisted Ball and Nut
Steering Column	Tilt/Telescopic Adjustable with Lock
Ratio	22.4:1

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Brakes	
Type	Full Air, Dual Circuit, FUSO Taper Roller, Automatic Brake Adjustment, ABS with ASR (Anti Slip Regulator)
Size Front	410x150mm
Size Rear	410x200mm
Park Brake	Rear Wheel Spring Actuated
Auxiliary	Exhaust Brake
Compressor	Water Cooled, 340cc Single Cyl.
Air Dryer Model	MD4

Wheels & Tyres	
Wheel Type	10, Single Piece Disc
Wheel Size	22.5x8.25DC-165-13t
Wheel Stud Pattern	10x335mm PCD
Tyre Size All	275/70R22.5 148/145L
Spare Tyre Carrier	Provided

Chassis	
Type	Reinforced Parallel Channel
Size	280x90x8.0mm
Width	841mm
Tensile Strength	540Mpa

Instruments	
Gauges	Speedometer with Odometer Tachometer Air Pressure (2) Fuel Level Water Temperature
Colour Information Display	Fuel Consumption Service Indicators Hour Meter and Tripmeter
Warning Lamps	ABS ASR Turn Signal High Beam Exhaust Brake Hill Start Assist Oil Level Ad Blue Low Fuel Low Park Brake Alternator Oil Filter Blockage Differential Lock (FN62/FN64) Engine Control / Cruise Control (ECU) Air Filter Restriction Fuel Filter Water Contamination Door Opening High/Low Gear Range
Warning Lamp/Buzzer	Air Pressure Oil Pressure Engine Overheat / Low Coolant Level

Multi-Media Package	
Satellite Navigation	GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included.
Colour Display	6.2 inch LCD with touch screen control
Phone Connectivity	Bluetooth® hands free
Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB
Camera Compatibility	Reverse camera (Factory Fitted) + 5 additional camera options #
Notes	# Cameras available through spare parts

Standard Features	
Airbag(s)	Driver's Air Bag and Seat Belt Pre-tensioners
Hill Start System	Yes
Cab Cooling & Heating	Air Conditioner / Heater / Demister
Accessory Power	24V Accessory Power Outlet / Cigar Lighter
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
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
Cab: External	Roof Mounting Points (max. static load 70kg) Front End-Outline Marker Lamps
Chassis	Chassis Mounted Tool Box Reverse Warning Buzzer Integrated Front Underrun Protection System (FUPS)

Service Intervals	
Interval*	30,000km or 12 Months (whichever occurs first)

Warranty*	
Basic/Powertrain	5 Years or 350,000kms (whichever occurs first)
Cab Perforation/Anti Corrosion	5 Years
Notes	* Please refer to Fuso Owners Warranty Booklet for additional terms and conditions.

Performance		
Turning Circle (kerb to kerb - metres)	A 22	C 21.8
Electronically Speed Limited to:	100km/hr Conforms to ADR65/00	
Engine Speed (rpm) at 100km/hr (top gear)	2427	
Gradeability at Rated GVM (theoretical)*	A 34%	C 32%
Gradeability at Rated GCM (theoretical)*	23%	
Notes	*This is theoretical performance only. Actual performance may vary under different conditions	

Mass estimated*		
Front*	A 3170kg	C 3175kg
Rear*	A 3200kg	C 3620kg
Total*	A 6370kg	C 6795kg
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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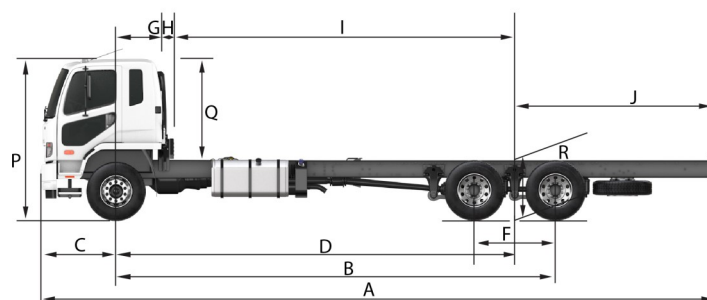
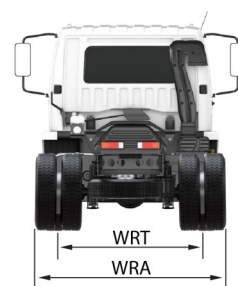
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## Dimensions mm

WFF (Width Front Fender) (mm)	2450
WRA (Width Rear Axle) (mm)	2470
WFT (Width Front Track) (mm)	1925
WRT (Width Rear Track) (mm)	1850
Width Frame (mm)	841
A - Length Overall (mm)	11030
B - Extreme Axle Spacing (mm)	7190
C - Front Overhang (mm)	1245
D - Wheelbase (mm)	6530
F - Rear Axle Spacing (mm)	1320
G - Front Axle to Rear of Cab (mm)	745
H - Rear of Cab to Rearmost Item Behind Cab (mm)	130
I - Rearmost Item Behind Cab to Rear Axle (mm)	5655
J - Frame, Rear Axle to End (mm)	2945
P - Height Cab to Ground (mm)	2630
Q - Height Cab to Frame (mm)	1669
R - Height Rear Frame to Ground (mm)	Inflated: 967 Deflated: 913

## Body Builder's Notes

Notes	<p>Chassis reinforcement must be utilised for Tipper/ Demountable type body configurations.</p> <p>To conform with ADR 13/00 (lighting requirements) the following must be adhered to at body installation.</p> <ul style="list-style-type: none"> <li>- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.</li> <li>- If overall length exceeds 6.0 metres, side reflectors must be installed.</li> <li>- If overall length exceeds 7.5 metres, side marker lamps must be installed.</li> </ul> <p>To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle</p>
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