

# FIGHTER

FUSO

## Fighter 2427 Euro 6.

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



OUR SAFEST FIGHTER YET WITH ACTIVE MITIGATION BRAKE, LANE DEPARTURE WARNING SYSTEM, ELECTRONIC STABILITY PROGRAM AND ACTIVE SIDEGUARD ASSIST AS STANDARD.

### GVM

23,200 KG to  
24,000 KG

### GCM

23,200 KG to  
24,000 KG

### Power/Torque

199 KW / 785 NM

- Heavy rigid licence required.
- Actual vehicle may differ from above image

DAIMLER

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# SPECIFICATIONS

# FUSO

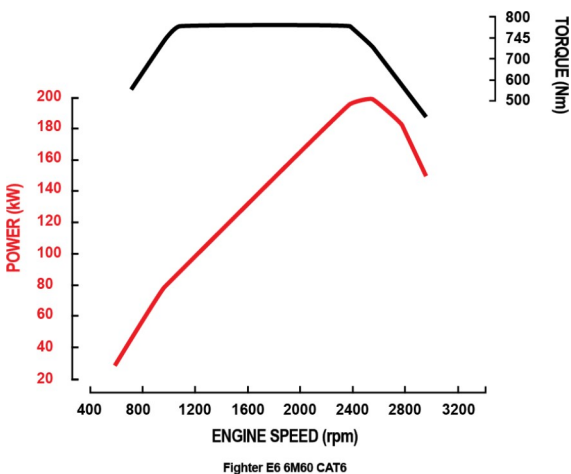
# FIGHTER

MODEL	
A	6x2 2427 Air Susp. XXLWB 9 Sp. MAN - FN63FU6RFAK
B	6x4 2427 Steel Susp. SWB 9 Sp. MAN - FN62FK6RFAK
C	6x4 2427 Air Susp. XXLWB 9 Sp. MAN - FN64FU6RFAK

WHEEL BASE	GVM (optional)	GCM (optional)
6530mm	23,200kg	23,200kg
4300mm	23,500kg	23,500kg
6530mm	24,000kg	24,000kg

## Engine

Engine Version	FUSO 6M60-CAT6 Diesel
Configuration	6 Cyl. In-line OHC, 4-Valve
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)	785Nm @ 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. Mounted Underbody (RH)
Emission Control	Diesel Particulate Filter (DPF) Exhaust Gas Recirculation (EGR) Selective Catalytic Reduction (SCR)
Emission Level	ADR 80/03 - Euro VI



## Fuel

Injection System	DENSO Common Rail System Electronically Controlled Direct Injection	
Tank Type	A C Rectangular Alloy Tank with Locking Cap	B Rectangular Steel Tank with Locking Cap
Fuel Capacity *	A C 400 Litres	B 200 Litres
AdBlue Exhaust Fluid Capacity	49 Litres, Tank fitted with locking AdBlue cap	
Speed Limiter	Speed Limited 100km/h	
Notes	*Max Fill to approx 95% of Air Capacity	

## Cooling

Fan Drive	Electronically controlled (Viscous)
Radiator	Corrugated Fin with Expansion Tank

## Electrical

Voltage	24V Negative Earth
Alternator Capacity	24V-80 amp
Starter Capacity	24V-5.0kW
Battery Capacity	2x12V, 80Ah/5hr
Battery Specification	95E41R X2
Headlamp Type	Halogen
Headlamp Capacity	Low beam 2x70W High beam 2x70W
Fog Light	Halogen

## Clutch

Clutch Model	FUSO C7M38
Type	Single 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

## Propeller Shaft

Type	A P140	B 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	B C Full Floating Hypoid, Tandem Drive with Inter-Axle Diff Lock
Axle Version	A FUSO R10T/10D, D10HFUSO R10TT/10T, D10HT/10H	B C
Capacity*	A 17200kg	B C 21600kg
Ratio	A C 4.222:1	B 5.142:1
Notes	*See MAX LOADING for vehicle capacity.	

## Rear Suspension

Type	A C Air Suspension	B Mechanical Suspension
Details	A C Trailing Arm with Double Acting Shock Absorber and CLCS	B Long Taper Leaf, 6 Rod Trunnion
Size Main Leaves	A C N/A	B 1320x90mm
Air Spring	A C 2x250mm dia.	B N/A
Trailing Arm	A C 615+380 x 80 x 35 - 2 Leaves	B N/A
Capacity at Ground *	A C 18000kg total*	B N/A
Notes	CLCS - Chassis Level Control System. Electronic height control of air suspension via steering wheel. 2 memory positions.	

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## WHEEL BASE

6530mm
4300mm
6530mm

## GVM (optional)

23,200kg
23,500kg
24,000kg

## GCM (optional)

23,200kg
23,500kg
24,000kg

Max Loading			
Front	6000kg		
Rear	A	B	C
	17200kg	21600kg	18000kg
Total	A	B	C
	23200kg	23500kg	24000kg
Notes	A	B	C
	GCM 23,200 kg, no towing capacity.	GCM 23,500 kg, no towing capacity.	GCM 24,000 kg, no towing capacity.

Options	
Options	R23: Limited Slip Differential LSD - FN63FU6RFAK & FN64FU6RFAK

Steering	
Type	Integral Power Assisted Ball and Nut
Steering Column	Tilt/Telescopic Adjustable

Brakes	
Type	Full Air, Dual Circuit, FUSO Taper Roller, ABS, Automatic Brake Adjustment
Size Front	410x150mm
Size Rear	410x200mm
Park Brake	Rear Wheel Spring Actuated
Auxiliary	Exhaust Brake
Compressor	Water Cooled, 340cc Single Cyl.

Wheels & Tyres	
Wheel Type	11, Single Piece Steel Disc (Including Spare)
Wheel Size	22.5x8.25DC-165-13t
Wheel Stud Pattern	10x335mm PCD
Tyre Size All	A C B 275/70R22.5 148/145L 11R22.5 148/145L
Spare Tyre Carrier	A C B Provided Not Provided

Chassis	
Type	Reinforced Parallel Channel
Size	280x90x8.0mm
Width	A C B 841mm 851mm (includes outer frame reinforcement)
Tensile Strength	540 MPa

Instruments	
Gauges	Speedometer Tachometer Fuel Level Air Pressure AdBlue Level
Colour Information Display	Odometer Tripmeter (x2) Hour Meter (x2) Outside Temperature AdBlue Level DPF Information Driving Range (Fuel and AdBlue) Current Vehicle Speed Cruise Control Lane Departure Warning Active Attention Assist Warning Alarm Clock Level Control Service Indicator & Reminder System Air Pressure Coolant Temperature Engine Oil Level & Running Time

Multi-Media Package	
Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates
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 & 3.5mm/AUX port
Reversing Camera	1 Reverse Camera fitted as standard
Compatible	Display can accept up to 4 additional cameras#
Optional Accessories (available at additional cost)	Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System

Cab Features	
Type	All Steel Forward Control Manual Tilt 44 deg.
Mounting	Hydroelastic Susp. 4 Point
Colour	Natural White
Interior	Fully Trimmed
Windscreen Wipers	Automatic 2 Speed + Intermittent Cycle with Integrated Washer Nozzles
Rear Vision Mirrors	Remote / Heated with Convex Spotter (Both sides)
Seating Capacity	3
Seat Belts	2 ELR Lap Sash, 1 Lap Driver pre-tensioner
Seat (driver)	ISRI Suspended with Weight Adjustment, LH Arm Rest and Lumbar Support
Seats (passenger)	Centre: Low Back with Fabric Trim Forward Folding Far Passenger: Fixed Base with Reclining Seat Back, Integral Headrest and Fabric Trim

Active Safety		
Safety Systems	A C	B
	AMB plus - Active Mitigation Brake ESP - Electronic Stability Program AAA - Active Attention Assist ASA - Active Sideguard Assist LDWS - Lane Departure Warning System ABS - Anti-lock Braking System DRL - Daytime Running Lamps	AMB plus - Active Mitigation Brake ESP - Electronic Stability Program AAA - Active Attention Assist LDWS - Lane Departure Warning System ABS - Anti-lock Braking System DRL - Daytime Running Lamps
Reverse Warning	Wide Dynamic Range Camera and Buzzer	
Notes	Active Safety Systems primary function is to provide driver assistance to increase road safety in events of driver inattentiveness. These systems do not allow for lack of attention whilst driving and should not replace safe and alert driving.	

Passive Safety	
Airbags	SRS Airbag - Driver
Seat Belts	Driver Seat Belt Pre-tensioner

Service Intervals	
Interval*	20,000km or 12 Months whichever occurs first

Warranty	
Basic/Powertrain	5 Years or 350,000kms (whichever occurs first)

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## WHEEL BASE

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4300mm
6530mm

## GVM (optional)

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24,000kg

## GCM (optional)

23,200kg
23,500kg
24,000kg

## Performance

Turning Circle (kerb to kerb - metres)	A 22	B 15.6	C 21.8
Electronically Speed Limited to:	100km/hr Conforms to ADR65/..		
Gradeability at Rated GVM (theoretical)*	A 34%	B 37%	C 32%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions		

## Mass estimated\*

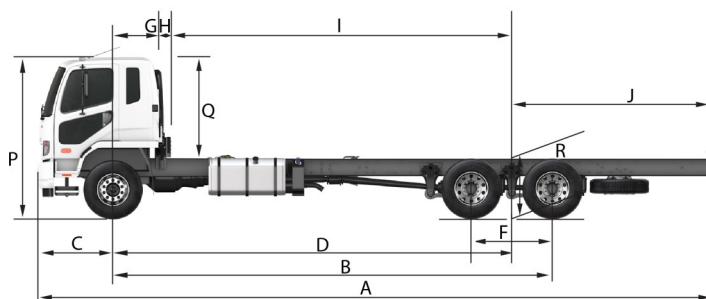
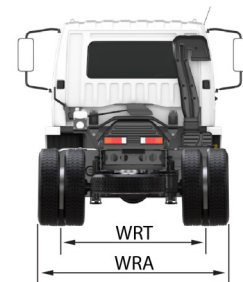
Front*	A C 3285kg	B 3125kg	
Rear*	A 3160kg	B 3695kg	C 3490kg
Total*	A 6445kg	B 6820kg	C 6775kg
Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)		

## 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)	A C 841	B 851	
A - Length Overall (mm)	A C 11030	B 7515	
C - Front Overhang (mm)	1245		
D - Wheelbase (mm)	A C 6530	B 4300	
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)	205		
I - Rearmost Item Behind Cab to Rear Axle (mm)	A C 6240	B 4010	
J - Frame, Rear Axle to End (mm)	A C 3255	B 1970	
N - Height Overall (mm)	A C 2630	B 2675	
R - Height Rear Frame to Ground (mm)	A 968	B 1037	C 967

## Body Builder's Notes

Notes	<p>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.</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> <li>- 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.</li> </ul>
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# FUSO

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