



# FIGHTER

Fighter 1627 Euro 6.

4x2 / 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**

**16,000<sub>KG</sub>**

**GCM**

**16,000<sub>KG</sub>**

**Power/Torque**

**199<sub>KW</sub> / 785<sub>NM</sub>**

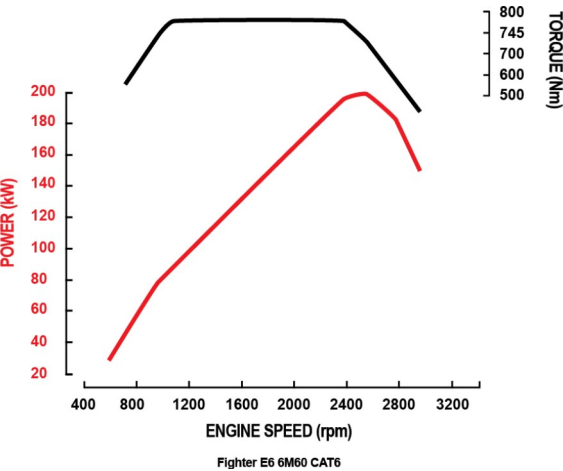
- Medium rigid licence required.
- Actual vehicle may differ from above image

# FIGHTER SPECIFICATIONS

MODEL	WHEEL BASE
A 4X2 1627 STEEL SUSP. SWB 9 SP. MAN - FM65FH6RFAK	4280mm
B 4X2 1627 STEEL SUSP. XXLWB 9 SP. MAN - FM65FS6RFAK	6500mm
C 4X2 1627 AIR SUSP. XLWB 9 SP. MAN - FM67FM6RFAK	5550mm
D 4X2 1627 AIR SUSP. XXLWB 9 SP. MAN - FM67FS6RFAK	6500mm

GVM	GCM
16,000kg	16,000kg
16,000kg	16,000kg
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Engine	
Engine Version	FUSO 6M60-CAT6 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)	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 80/04 - Euro VI



Fuel		
Tank Type	A Rectangular Steel Tank with Locking Cap	B C D Rectangular Aluminium Tank with Locking Cap
Fuel Capacity *	A 200 Litres	B C D 300 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 capacity	

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

Electrical	
Voltage	24V Negative Earth
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	P12
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	Full Floating Banjo Type	
Axle Version	FUSO R080T/D10H	
Capacity*	10800kg	
Ratio	A B 4.625:1	C D 4.222:1
Notes	*See MAX LOADING for vehicle capacity.	

Rear Suspension		
Type	A B Steel Suspension	C D Air Suspension
Details	A B Semi-Elliptic Leaf	C D Trailing Arm with Double Acting Shock Absorber and CLCS
Size Main Leaves	A B 1400x80mm	C D N/A
Size Helper Leaves	A B 960x80mm	C D N/A
Air Spring	A B N/A	C D 2x250mm dia.
Trailing Arm	A B N/A	C D 615+380 x 80 x 35 - 2 Leaves
Road Friendly Certification Number	A B N/A	C D RF2043
Capacity at Ground *	A B N/A	C D 10000kg total
Notes	CLCS - Chassis Level Control System. Electronic height control of air suspension via steering wheel. 2 memory positions.	

Max Loading	
Front	6000kg
Rear	10000kg
Total	16000kg
Notes	GCM 16,000 kg, no towing capacity.

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C 4X2 1627 AIR SUSP. XLWB 9 SP. MAN - FM67FM6RFAK	5550mm	16,000kg	16,000kg
D 4X2 1627 AIR SUSP. XXLWB 9 SP. MAN - FM67FS6RFAK	6500mm	16,000kg	16,000kg

Options			
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	7 x Single Piece Steel Disc Including Spare		
Wheel Size	22.5x8.25DC-165-13t		
Wheel Stud Pattern	10x335mm PCD		
Tyre Size All	A B	C D	
	11R22.5 148/145L	275/70R22.5 148/145L	
Spare Tyre Carrier	Provided		
Chassis			
Type	Parallel Channel		
Size	280x90x8.0mm		
Width	841mm		
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	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	1 Reverse Camera fitted as standard Display can accept up to 4 additional cameras#		

Active Safety				
Safety Systems	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			
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)			
Performance				
Turning Circle (kerb to kerb - metres)	A	B D	C	
	14.6	21.4	18.4	
Electronically Speed Limited to:	100km/hr Conforms to ADR65/00			
Gradeability at Rated GVM (theoretical)*	54%			
Notes	*This is theoretical performance only. Actual performance may vary under different conditions			
Mass estimated*				
Front*	A	B	C	D
	3025kg	3220kg	3130kg	3205kg
Rear*	A	B	C	D
	1975kg	2045kg	1930kg	1990kg
Total*	A	B	C	D
	5000kg	5265kg	5060kg	5195kg
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

4280mm
6500mm
5550mm
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## GVM

16,000kg
16,000kg
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## GCM

16,000kg
16,000kg
16,000kg
16,000kg

## 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)	A	B D	C
	7455	10695	9325
C - Front Overhang (mm)	1245		
D - Wheelbase (mm)	A	B D	C
	4280	6500	5550
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	B D	C
	3330	5550	4600
J - Frame, Rear Axle to End (mm)	A	B D	C
	1930	2950	2530
P - Height Cab to Ground (mm)	A	B	C D
	2675	2670	2630
R - Height Rear Frame to Ground (mm)	A	B	C D
	1073	1072	969

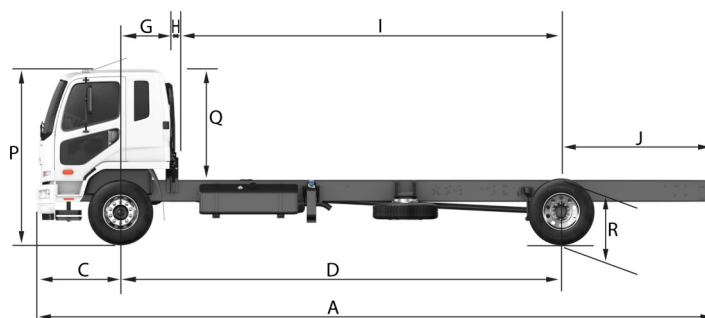
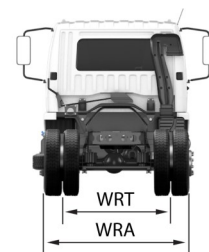
## Body Builder's Notes

### 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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