



FIGHTER

Fighter 2427 Euro 6.

6x2 - 6x4 / 6-SP AUTO / 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

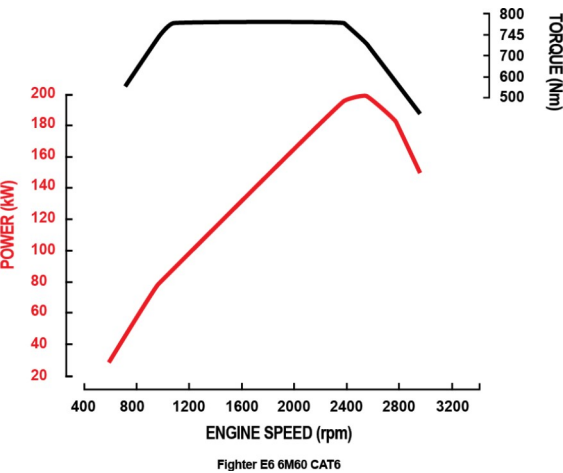
199_{KW} / 785_{NM}

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

FIGHTER SPECIFICATIONS

MODEL	WHEEL BASE	GVM	GCM
A 6X2 2427 AIR SUSP. XXLWB 6 SP. AUTO - FN63FU6RFAM	6530mm	23,200kg	23,200kg
B 6X4 2427 STEEL SUSP. SWB 6 SP. AUTO - FN62FK6RFAM	4300mm	23,500kg	23,500kg
C 6X4 2427 STEEL SUSP. XLWB 6 SP. AUTO - FN62FR6RFAM	5650mm	23,500kg	23,500kg
D 6X4 2427 AIR SUSP. XXLWB 6 SP. AUTO - FN64FU6RFAM	6530mm	24,000kg	24,000kg

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 C D Rectangular Aluminium Tank with Locking Cap	B Rectangular Steel Tank with Locking Cap
Fuel Capacity *	A C D 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 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	
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Transmission	
Version	Allison Automatic MD3500
Type/Speeds	6 Speed
Features	Generation 6 Control Systems
Ratios	1st: 4.593 2nd: 2.257 3rd: 1.535 4th: 1.000 5th 0.749 6th 0.651 Rev. 4.999
Torque Converter/Stall Torque Ratio	TC415/2.35
PTO Opening	4 o'clock & 8 o'clock
Automatic Transmission Fluid Cooling	2 Chassis Mounted Coolers (LH & RH Side)

Propeller Shaft		
Type	A P140	B C D 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 D Full Floating Hypoid, Tandem Drive with Inter-Axle Diff Lock
Axle Version	A FUSO R10T/10D, D10H	B C D FUSO R10TT/10T, D10HT/10H
Capacity*	A 17200kg	B C D 21600kg
Ratio	A D 5.857:1	B C 6.166:1
Notes	*See MAX LOADING for vehicle capacity.	

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Rear Suspension		
Type	A D Air Suspension	B C Mechanical Suspension
Details	A D Trailing Arm with Double Acting Shock Absorber and CLCS	B C Long Taper Leaf, 6 Rod Trunnion
Size Main Leaves	A D N/A	B C 1320x90mm
Air Spring	A D 2x250mm dia.	B C N/A
Trailing Arm	A D 615+380 × 80 × 35 - 2 Leaves	B C N/A
Road Friendly Certification Number	RF2011	
Capacity at Ground *	A D 18000kg total*	B C N/A
Notes	CLCS - Chassis Level Control System. Electronic height control of air suspension via steering wheel. 2 memory positions.	

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

Options	
Options	R23: Limited Slip Differential LSD - FN63FU6RFAM & FN64FU6RFAM

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

Chassis		
Type	Reinforced Parallel Channel	
Size	280x90x8.0mm	
Width	A D 841mm	B C 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	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	A D 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	B C 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

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Service Intervals

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

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

Turning Circle (kerb to kerb - metres)	A 22	B 15.6	C 19.4	D 21.8
Electronically Speed Limited to:	100km/hr Conforms to ADR65/00			
Gradeability at Rated GVM (theoretical)*	A 40%	B C 37%	D 38%	
Notes	*This is theoretical performance only. Actual performance may vary under different conditions.			

Mass estimated*

Front*	A 3325kg	B 3190kg	C 3405kg	D 3330kg
Rear*	A 3210kg	B 3725kg	C 3805kg	D 3540kg
Total*	A 6535kg	B 6915kg	C 7210kg	D 6870kg
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 D 841	B C 851		
A - Length Overall (mm)	A D 11030	B 7515	C 9695	
C - Front Overhang (mm)	1245			
D - Wheelbase (mm)	A D 6530	B 4300	C 5650	
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)	75			
I - Rearmost Item Behind Cab to Rear Axle (mm)	A D 5710	B 3480	C 4830	
J - Frame, Rear Axle to End (mm)	A D 3255	B 1970	C 2800	
P - Height Cab to Ground (mm)	A D 2630	B 2675	C 2665	
R - Height Rear Frame to Ground (mm)	A 968	B 1037	C 1036	D 967

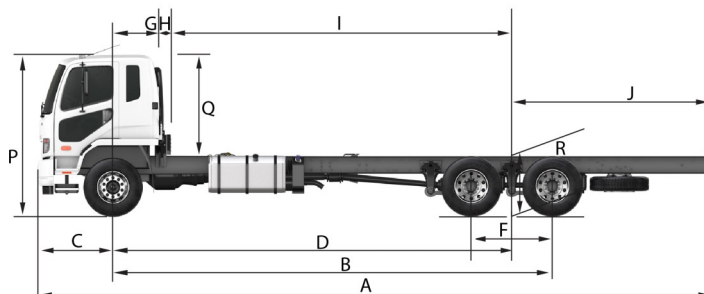
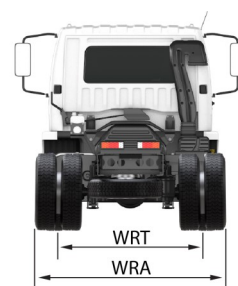
Body Builder's Notes

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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