

FIGHTER

FUSO

Fighter 1627.

4x2 / 6-SP AUTO / STEEL SUSP



**CLASS LEADING 30,000KLM SERVICE INTERVALS
5YR/350,000KM FACTORY WARRANTY AS STANDARD**

GVM

16,000_{KG}

GCM

25,000_{KG}

Power/Torque

199_{KW} / 784_{NM}

- Medium rigid licence required

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SPECIFICATIONS



FIGHTER

MODEL

4x2 1627 Steel Susp. SWB 6 Sp. Auto (FM65FH2RFAM)

WHEEL BASE

4280mm

GVM (optional)

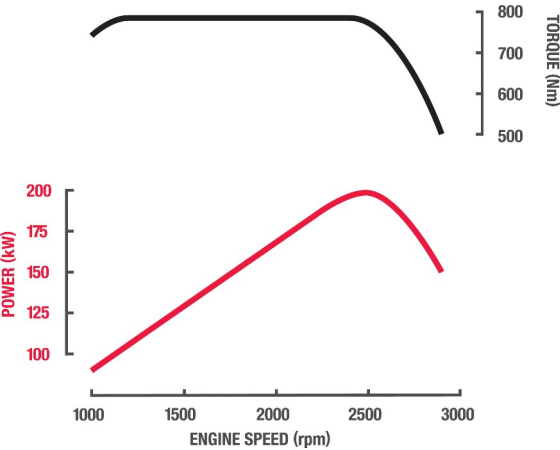
16,000kg

GCM (optional)

25,000kg

Engine

Engine Version	FUSO 6M60-9AT2 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)	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

Injection System	DENSO Common Rail System Electronically Controlled Direct Injection
Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity *	200 Litres
AdBlue Exhaust Fluid Capacity	40 Litres
Speed Limiter	Speed Limited 100km/h
Notes	*Max Fill to approx 95% of Air Capacity

Cooling

Fan Drive	Thermo modulated continuous control (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, 100Ah/20hr
Headlamp Type	Halogen
Headlamp Capacity	Low Beam 2x70W High Beam 2x75W

Clutch

Transmission

Version	Allison Automatic MD3500 (Fuso Code M100A6)
Type/Speeds	6 Speed
Features	Generation 5 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	TC415/2.35
Torque Ratio	
PTO Opening	4 o'clock & 8 o'clock
Automatic Transmission	2 Chassis Mounted Coolers (LH & RH Side)
Fluid Cooling	

Propeller Shaft

Type	P10
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 Hypoid
Axle Version	FUSO R080T/D10H
Capacity*	10800kg
Ratio	6.660:1
Notes	*See MAX LOADING for vehicle capacity.

Rear Suspension

Type	Steel Suspension
Details	Semi-Elliptic Leaf
Size Main Leaves	1400x80mm
Size Helper Leaves	960x80mm

Max Loading

Front	6000kg
Rear	10000kg
Total	16000kg

Options

Options	R32: Limited Slip Differential LSD
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Steering

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

Brakes

Type	Full Air, Dual Circuit, FUSO Taper Roller, Automatic Brake adjustment, ABS
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

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Wheels & Tyres		Standard Features	
Wheel Type	7, Single Piece Disc	Airbag(s)	Driver's Air Bag and Seat Belt Pre-tensioners
Wheel Size	22.5x8.25DC-165-13t	Cab Cooling & Heating	Air Conditioner / Heater / Demister
Wheel Stud Pattern	10x335mm PCD	Accessory Power	24V Accessory Power Outlet / Cigar Lighter
Tyre Size All	11R22.5 148/145L	Driving	Keyless Central Locking
Spare Tyre Carrier	Traction Tread to Rear		Electric Windows
	Provided		Cruise Control
Chassis			LH Transom Window
Type	Parallel Channel		Fuso Multimedia Unit
Size	280x90x8.0mm		Cup Holders (4)
Width	841mm		Rear Quarter Glass
Tensile Strength	540Mpa		Fluorescent Cabin Lamp and Interior Reading Lamps
Instruments			Engine Idle Speed Control
Gauges	Speedometer with Odometer Tachometer Air Pressure (2) Fuel Level Water Temperature	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
Colour Information Display	Fuel Consumption Service Indicators Hour Meter and Tripmeter	Cab: External	Roof Mounting Points (max. static load 70kg) Front End-Outline Marker Lamps
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	Chassis	Chassis Mounted Tool Box Reverse Warning Buzzer Integrated Front Underrun Protection System (FUPS)
Warning Lamp/Buzzer	Air Pressure Oil Pressure Engine Overheat / Low Coolant Level		
Multi-Media Package		Cab Features	
Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates	Type	All Steel Forward Control Manual Tilt 44 deg.
Colour Display	6.2 inch LCD with touch screen control	Mounting	Hydroelastic Susp. 4 Point
Phone Connectivity	Bluetooth® hands free	Colour	Natural White
Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port	Interior	Fully Trimmed
Reversing Camera Compatible	Display can accept up to 5 cameras#	Windscreen	Laminated Tinted
Optional Accessories (available at additional cost)	Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System	Windscreen Wipers	2 Speed + Intermittent Cycle with Integrated Washer Nozzles
Notes	# Cameras available through spare parts	Door	90 degree Opening Angle
		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 Air Suspension with Height, Tilt and Dampening Adjustment Integral Headrest and Fabric Trim
		Seats (passenger)	Centre: Low Back with Fabric Trim Forward Folding Far Passenger: Fixed Base with Reclining Seat Back, Integral Headrest and Fabric Trim
		Service Intervals	
		Interval*	30,000km or 12 Months (whichever occurs first)
		Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.
		Warranty	
		Basic/Powertrain	5 Years or 350,000kms (whichever occurs first)
		Cab Perforation/Anti Corrosion	5 Years
		Performance	
		Turning Circle (kerb to kerb - metres)	14.6
		Electronically Speed Limited to:	100km/hr Conforms to ADR65/..
		Engine Speed (rpm) at 100km/hr (top gear)	2276
		Gradeability at Rated GVM (theoretical)*	69%
		Gradeability at Rated GCM (theoretical)*	38%
		Notes	*This is theoretical performance only. Actual performance may vary under different conditions

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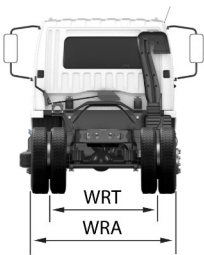
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GCM (optional)

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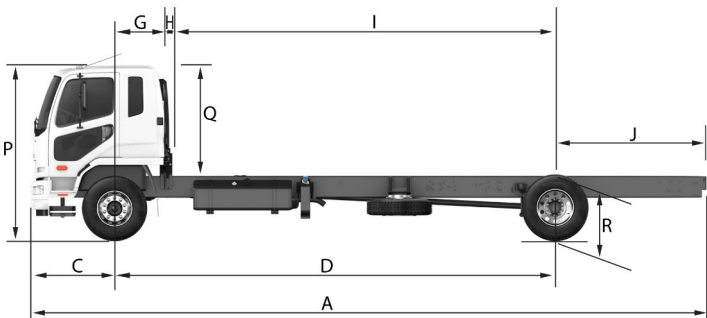
Mass estimated*

Front*	2900kg
Rear*	1970kg
Total*	4870kg
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)	841
A - Length Overall (mm)	7455
C - Front Overhang (mm)	1245
D - Wheelbase (mm)	4280
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)	3405
J - Frame, Rear Axle to End (mm)	1930
P - Height Cab to Ground (mm)	2675
Q - Height Cab to Frame (mm)	1669
R - Height Rear Frame to Ground (mm)	1075



Body Builder's Notes

Notes	Chassis reinforcement must be utilised for Tipper/Demountable type body configurations. To conform with ADR 13/00 (lighting 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. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.
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