

FIGHTER

FUSO

Fighter 1024.

4x2 / 6-SP MANUAL / TRANS. PARK BRAKE



CLASS LEADING 30,000KM SERVICE INTERVALS

GVM

10,400_{KG}

GCM

16,000_{KG}

Power/Torque

177_{KW} / 745_{NM}

- Medium rigid licence required.

DAIMLER

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FUSO

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SPECIFICATIONS

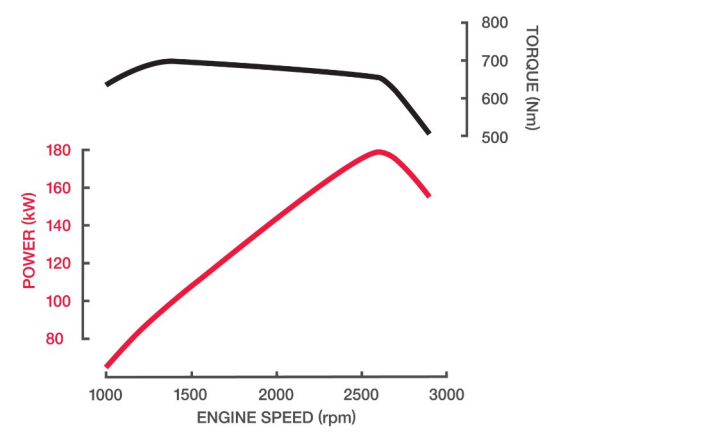


FIGHTER

MODEL	
A	4x2 1024 Transmission Park Brake SWB 6 Sp. MAN (FK61FH1RFAG)
B	4x2 1024 Transmission Park Brake LWB 6 Sp. MAN (FK61FL1RFAG)

WHEEL BASE	GVM (optional)	GCM (optional)
4270mm	10,400kg (8,000kg)	16,000kg
5210mm	10,400kg (8,000kg)	16,000kg

Engine	
Engine Version	FUSO 6M60-9AT1 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)	177kW @ 2500 rpm
Torque (ECE R85-00)	745Nm @ 1400 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	22 Litres
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	
Clutch Model	FUSO C7M38
Type	Single Dry Plate
Operation/Specification	Air Assisted Hydraulic

Transmission	
Version	FUSO Manual M060S6-OD
Type/Speeds	6 with Air Assisted Gearshift
Features	Synchromesh 2nd-6th
Ratios	1st: 6.748 2nd: 4.112 3rd: 2.415 4th: 1.514 5th: 1.000 6th: 0.731 Rev. 6.748
PTO Opening	LH Side

Propeller Shaft	
Type	P8
Universal Joint	Needle Roller

Front Axle	
Axle Version	FUSO F400T
Type	Reverse Elliot 'I' Beam
Capacity *	3800kg
Notes	*See MAX LOADING for vehicle capacity.

Front Suspension	
Type	Parabolic with Stabiliser Bar and Double Acting Shock Absorbers
Size	1300x70mm Leaves

Rear Axle	
Type	Full Floating Hypoid
Axle Version	FUSO R050T/D050H
Capacity*	7800kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacity.

Rear Suspension	
Type	Steel Suspension
Details	Semi-Elliptic Leaf with Stabiliser Bar
Size Main Leaves	1300x70mm
Size Helper Leaves	900x70mm

Max Loading	
Front	3600kg
Rear	6800kg
Total	10400kg

Options	
Options	H38: 8000/13600kg GVM/GCM Rating

Steering	
Type	Integral Power Assisted Ball and Nut
Steering Column	Tilt/Telescopic Adjustable with Lock
Ratio	17.1~20.0:1

Brakes	
Type	Air Actuated Hydraulic Dual Circuit ABS with Automatic Brake Adjustment
Size Front	320x120mm
Size Rear	320x140mm
Park Brake	Transmission Mounted
Auxiliary	Exhaust Brake
Compressor	Water Cooled, 340cc Single Cyl.
Air Dryer Model	DU3

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Wheels & Tyres

Wheel Type	7, Single Piece Disc
Wheel Size	17.5x6.0-135-9t
Wheel Stud Pattern	6x222.25mm PCD
Tyre Size All	9.5R17.5 129/127
Spare Tyre Carrier	Provided

Chassis

Type	Parallel Channel
Size	228x80x7.0mm
Width	842mm
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 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
Warning Lamp/Buzzer	Air Pressure Brake Fluid Level / Dual Circuit Oil Pressure Engine Overheat / Low Coolant Level

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 Compatible	Display can accept up to 5 cameras#
Optional Accessories (available at additional cost)	Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System
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	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

Cab Features

Type	All Steel Forward Control Manual Tilt 44 deg.
Mounting	Hydroelastic Susp. 4 Point
Colour	Natural White
Interior	Fully Trimmed
Windscreen	Laminated Tinted
Windscreen Wipers	2 Speed + Intermittent Cycle with Integrated Washer Nozzles
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 300,000kms (whichever occurs first)
Cab Perforation/Anti Corrosion	5 Years

Performance

Turning Circle (kerb to kerb - metres)	A 13.8	B 16.6
Road Speed (km/h) at Max Engine Speed	131	
Engine Speed (rpm) at 100km/hr (top gear)	2191	
Gradeability at Rated GVM (theoretical)*	55%	
Gradeability at Rated GCM (theoretical)*	32%	
Notes	*This is theoretical performance only. Actual performance may vary under different conditions	

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GCM (optional)

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Mass estimated*

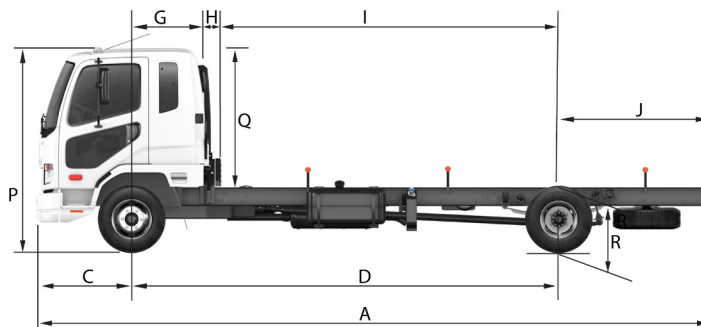
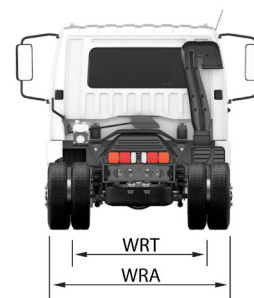
Front*	A	B
	2220kg	2260kg
Rear*	A	B
	1220kg	1280kg
Total*	A	B
	3440kg	3540kg
Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)	

Dimensions mm

WFF (Width Front Fender) (mm)	2170		
WRA (Width Rear Axle) (mm)	2175		
WFT (Width Front Track) (mm)	1810		
WRT (Width Rear Track) (mm)	1665		
Width Frame (mm)	842		
MAX. RECOMMENDED BODY WIDTH (mm)	2500		
A - Length Overall (mm)	A	B	
	7220	8645	
C - Front Overhang (mm)	1135		
D - Wheelbase (mm)	A	B	
	4270	5210	
G - Front Axle to Rear of Cab (mm)	855		
H - Rear of Cab to Rearmost Item Behind Cab (mm)	130		
I - Rearmost Item Behind Cab to Rear Axle (mm)	A	B	
	3285	4225	
J - Frame, Rear Axle to End (mm)	A	B	
	1815	2300	
P - Height Cab to Ground (mm)	2482		
Q - Height Cab to Frame (mm)	1669		
R - Height Rear Frame to Ground (mm)	A	B	
	875	873	

Body Builder's Notes

Notes	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. - 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 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.
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