

FIGHTER 1627.

4X2 / 6-SP AUTO / AIR SUSP.

GVM

16,000KG

GCM

25,000KG

Power/Torque

199KW/784NM

Medium rigid licence required.



CLASS LEADING 30,000KM SERVICE INTERVALS.

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FUSO

SPECIFICATIONS

MODEL

A	4x2 1627 XLWB 6 Sp. AUTO (FM67FM2RFAM)
B	4x2 1627 XXLWB 6 Sp. AUTO (FM67FS2RFAM)

WHEEL BASE

5500mm
6500mm

GVM (optional)

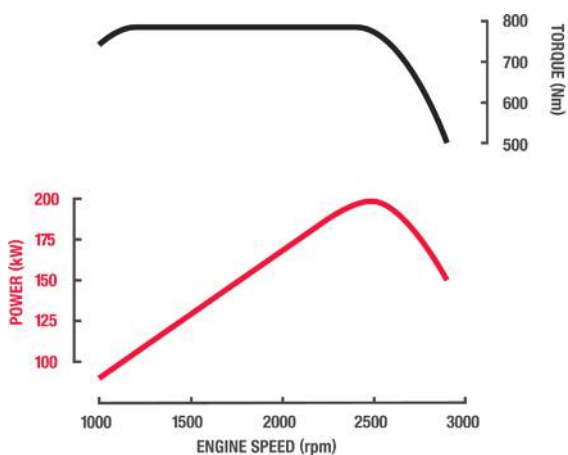
16,000kg
16,000kg

GCM (optional)

25,000kg
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 Alloy Tank with Locking Cap
Fuel Capacity *	300 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, 65Ah/5hr
Headlamp Type	Halogen
Headlamp Capacity	Low Beam 2x70W High Beam 2x75W

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 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	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 R060T/D8H
Capacity*	10200kg
Ratio	A 6.660:1 B 6.166:1
Notes	*See MAX LOADING for vehicle capacity.

REAR SUSPENSION

Type	Air Suspension
Details	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Air Spring	2x250mm dia.
Trailing Arm	(643+390)x80x35mm-2 Leaves
Road Friendly Certification Number	RF2043
Capacity at Ground *	10000kg total

MAX LOADING

Front	6000kg
Rear	10000kg
Total	16000kg

STEERING

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

FIGHTER 1627.

4X2 / 9-SP MANUAL / STEEL OR AIR SUSP.

GVM

16,000KG

GCM

32,000KG

Power/Torque

199KW/784NM

Medium rigid licence required.



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FUSO

SPECIFICATIONS

MODEL

A	4x2 1627 Steel Susp. SWB 9 Sp. MAN (FM65FH2RFAK)
B	4x2 1627 Steel Susp. XLWB 9 Sp. MAN (FM65FS2RFAK)
C	4x2 1627 Air Susp. XLWB 9 Sp. MAN (FM67FM2RFAK)
D	4x2 1627 Air Susp. XLWB 9 Sp. MAN (FM67FS2RFAK)

WHEEL BASE

4280mm
6500mm
5550mm
6500mm

GVM (optional)

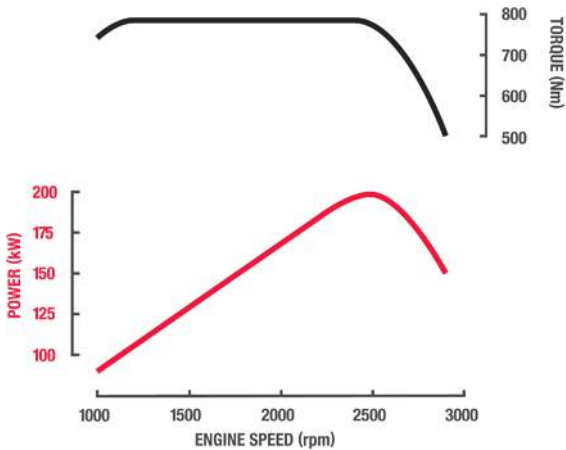
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GCM (optional)

32,000kg
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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	A Rectangular Steel Tank with Locking Cap	B C D Rectangular Alloy Tank with Locking Cap
Fuel Capacity *	200 Litres	300 Litres
AdBlue Exhaust Fluid Capacity	40 Litres	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, 65Ah/5hr
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	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 & Rear

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 Hypoid	
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	Semi-Elliptic Leaf	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Size Main Leaves	1400x80mm	N/A
Size Helper Leaves	960x80mm	N/A
Air Spring	N/A	2x250mm dia.
Trailing Arm	N/A	(643+390)x80x35mm-2 Leaves
Road Friendly Certification Number	N/A	RF2043
Capacity at Ground *	N/A	10000kg total

MAX LOADING

Front	6000kg
Rear	10000kg
Total	16000kg

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D	4x2 1627 XXLWB 6 Sp. MAN (FM67FS2FAH)

WHEEL BASE

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GVM (optional)

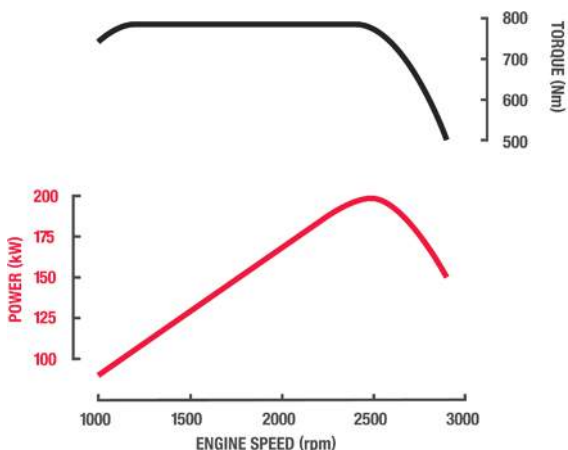
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Emission Level	ADR 80/03 - Euro 5



FUEL

Injection System	DENSO Common Rail System Electronically Controlled Direct Injection	
Tank Type	Rectangular Steel Tank with Locking Cap	
Fuel Capacity *	A 200 Litres	B C D 300 Litres
AdBlue Exhaust Fluid Capacity	40 Litres	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, 65Ah/5hr
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 M070S6-DD
Type/Speeds	6 with Air Assisted Gearshift
Features	Synchromesh 2nd-6th
Ratios	1st: 8.064 2nd: 5.443 3rd: 3.064 4th: 1.824 5th: 1.321 6th: 1.000 Rev. 7.354
PTO Opening	LH Side

PROPELLER SHAFT

Type	P10
Universal Joint	Needle Roller

FRONT AXLE

Axle Version	FUSO F650T
Type	Reverse Elliot 'I' Beam
Capacity *	6300kg
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Size	1400x80mm Leaves

REAR AXLE

Type	Full Floating Hypoid	
Axle Version	FUSO R060T/D8H	
Capacity*	10200kg	
Ratio	A 5.142:1	B C D 4.444:1
Notes	*See MAX LOADING for vehicle capacity.	

REAR SUSPENSION

	A B C	D
Type	Steel Suspension	Air Suspension
Details	Semi-Elliptic Leaf	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Size Main Leaves	1400x80mm	N/A
Size Helper Leaves	960x80mm	N/A
Air Spring	N/A	2x250mm dia.
Trailing Arm	N/A	(643+390)x80x35mm-2 Leaves
Road Friendly Certification Number	N/A	RF2043
Capacity at Ground *	N/A	10000kg total

MAX LOADING

Front	6000kg
Rear	10000kg
Total	16000kg

OPTIONS

Options	R01 (FM65FH only): Engine Flywheel PTO Max. Output Torque, 300Nm Drive Ratio, 0.635:1 Rotation, Same as Engine
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STEERING

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