

***FIGHTER* AUTO**



Mitsubishi FUSO New Zealand

WWW.FUSO.CO.NZ



FIGHTER

THE NEW FUSO FIGHTER AUTO

The new Fighter Euro V Auto is here and it's more refined and aggressive than ever before with its modern new look, extended service intervals, greater safety and automatic transmission. The Fighter Auto delivers you greater comfort and operating efficiency than ever before.

The new Fighter, honest, reliable, proven and now even better placed to look after your medium duty truck requirements and your bottom line.

Talk to your Fuso dealer about getting the new Fighter Automatic into your fleet today.



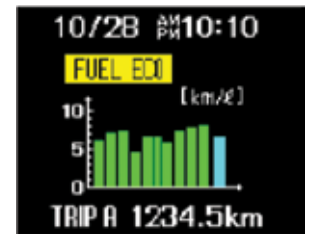
Spacious cab with air-conditioning, CD player, Cruise Control, electric windows and keyless central locking.



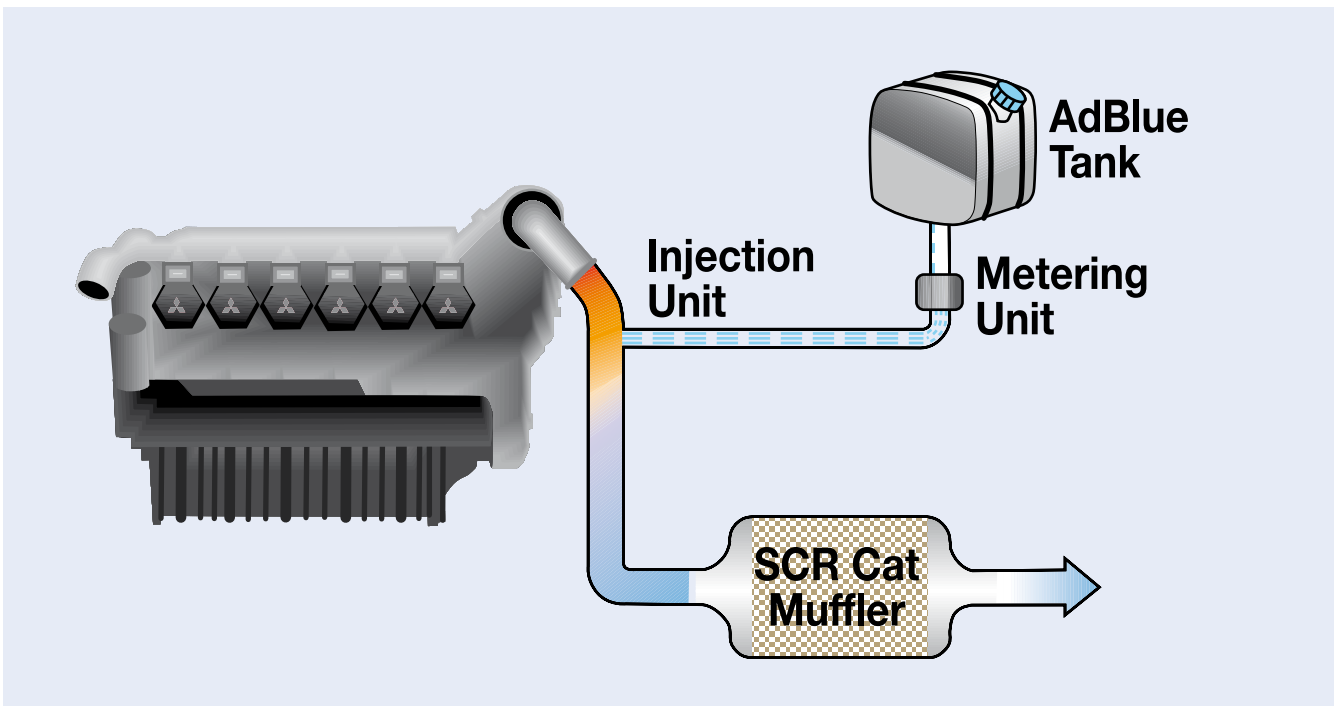
Full 90 degree door opening for easy access. Passenger door has a transom window for improved visibility.



Driver's airbag is now standard on all Fighter Auto models.



The new dash has a colour display that shows important information such as average and current fuel consumption, oil level and service replacement requirements.



SCR is a simple system that allows the engine to be tuned for optimal combustion and injects AdBlue into the exhaust to reduce emissions. There is no DPF muffler required.

FIGHTER AUTO

4 x 2 FM281M9A



MODEL	*NOMINAL PAYLOAD	GVM	GCM	POWER	W/BASE	CODE
FM281M9A	8.0T	16000kg	25000kg	280ps	5550mm	FM67FM2RFAD

* Subject to weight of body fitted

PERFORMANCE (Calculated—paved road)

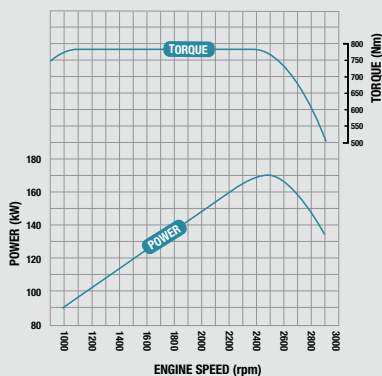
	M Wb
Electronically Speed Limited to (km/h):	100
Gradeability at Rated GVM:	69%
Gradeability at Rated GCM:	38%
Turning Circle (kerb to kerb):	18.4m

ENGINE

Mitsubishi FUSO 6M60–9AT2 Diesel (Euro V)

Configuration:	6 cyl. in-line OHC, 4-valve
Type:	Turbocharged with air to air intercooler, PCV & common rail fuel system, SCR after-treatment system (BlueTec)
Displacement:	7545cc
Bore:	118mm
Stroke:	115mm
Power (JIS Gross):	207kW (281ps) 2500 rpm
Torque (JIS Gross):	802 Nm (592 lb/ft) @ 1100-2400 rpm
Maximum Engine Speed:	2900 rpm
Compression Ratio:	16.0:1
Oil Cooler:	Plate type, water cooled
Air Cleaner:	Dual element cyclonic with vertical intake & air restriction indicator

6M60–9AT2 DIESEL ENGINE MODEL



FUEL

Injection System:	DENSO common rail system
Governor:	Electronic
Fuel Tank:	300 litres rectangular alloy
Fuel Cooler:	Fitted
AdBlue Exhaust Fluid Capacity:	40 litres

COOLING

Fan:	540mm dia. 10 blades
Fan Drive:	Thermo modulated
Radiator:	Corrugated fin with expansion tank

ELECTRICAL

Voltage:	24V negative earth
Alternator Capacity:	24V-80 amp
Starter Capacity:	24V-5.0kW
Battery Capacity:	Heavy duty 2x12V, 100 Ah/20hr
Headlamp - Type:	Halogen
- Capacity:	Low beam 2x70W High beam 2x70W

AUTOMATIC TRANSMISSION

Model:	M100A6
No. of Speeds:	6 with air assisted gearshift
Control Torque Converter:	TC415/2.35
Ratios - 1st:	4.593
- 2nd:	2.257
- 3rd:	1.535
- 4th:	1.000
- 5th:	0.749
- 6th:	0.651
- Rev:	4.999
PTO Opening:	4 o'clock & 8 o'clock
Fluid Cooling:	2 chassis mounted fluid coolers (LH & RH side)

PROPELLER SHAFT

Type:	P10
Universal Joint:	Needle roller

FRONT AXLE

Model:	F650T
Type:	Reverse Elliot 'I' Beam
Design and Max Operating Capacity:	6300kg

REAR AXLE

Model:	R060T/D8H
Type:	Full floating hypoid
Design and Max Operating Capacity:	10200kg
Ratio:	6.166:1

STEERING

Type:	Integral power assisted ball and nut
Ratio:	22.4:1
Steering Column:	Tilt/telescopic adjustable with lock
Steering Wheel:	Airbag

BRAKES

Type:	Full air, dual circuit, Mitsubishi FUSO taper roller, ABS, Automatic Brake Adjustment
Size - Front:	410x150mm
- Rear:	410x200mm
Park Brake:	Rear wheel spring actuated
Auxiliary:	Exhaust brake
Compressor:	Water cooled, 340cc single cyl.
Air Dryer Model:	MD4

FRONT SUSPENSION

Type:	Parabolic leaf
Size:	1400x80mmx20mm – 1 leaf x22mm – 2 leaves
Shock Absorbers:	Double acting

REAR SUSPENSION

Type:	Trailing arm with air dump control
Air Spring:	2x250mm dia.
Trailing Arm:	(643+390)x80x35mm-2 leaves
Capacity at Ground:	10200kg total
Shock Absorbers:	Double acting

CHASSIS

Type:	Parallel channel
Size:	280x90x8.0mm
Width:	841mm
Tensile Strength:	540Mpa
<i>Refer to FUSO bodybuilder guidelines on web site www.FUSO.co.nz before mounting a body or modifying the chassis.</i>	

WHEELS & TYRES

Wheel - Type:	7, single piece disc
- Size:	22.5x8.25DC-165-13t
- Stud Pattern:	10x335mm PCD
Tyre - Size:	275/70R22.5 148/145L
Spare Tyre Carrier:	Provided

KERB WEIGHT (kg – estimated)

Front:	Rear:	Total:
3170	2030	5200

Includes coolant, oils, spare wheels, tools and 20 litres fuel.

CAB FEATURES

All Steel Forward Control
 Type: 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
 Steering Column: Telescopic & tilt
 Rear Vision Mirrors: Remote / heated with convex spotter (both sides)
 Seating Capacity: 3
 Seat Belts: 2 ELR lap sash, 1 lap
 Seats:
 - Driver Air suspension with height, tilt and dampening adjustment integral headrest and fabric trim
 - Centre Low back with fabric trim forward folding
 - LH Fixed base reclining integral headrest and fabric trim

DIMENSIONS (mm)

	M	Wb
Wb = Wheel Base		
Width Front Fender:	2450	
Rear Axle:	2470	
Front Track:	1925	
Rear Track:	1850	
Frame:	841	
Length A Overall:	9325	
C Front Overhang:	1245	
D Wheel Base:	5550	
G Front Axle to Rear of Cab:	745	
H Rear of Cab to Rear of Engine Cover:	130	
I Frame, Rear of Engine Cover to Rear Axle:	4675	
J Frame, Rear Axle to End:	2530	
Height P Overall:	2630	
Q Cab to Frame:	1669	
R Rear Frame to Ground: Suspension		
- Inflated:	969	
- Deflated:	922	

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:
 - Glow plug indicator
 - ABS
 - Turn signal
 - High beam
 - Exhaust brake
 - Oil level
 - AdBlue low
 - Fuel low
 - Park brake
 - Alternator
 - Oil filter blockage
 - Engine control / Cruise Control (ECU)
 - Air filter restriction
 - Fuel filter water contamination
 - Door opening
 - Cab tilt lock
Warning Lamps/Buzzers:
 - Air pressure
 - Oil pressure
 - Engine overheat / low coolant level

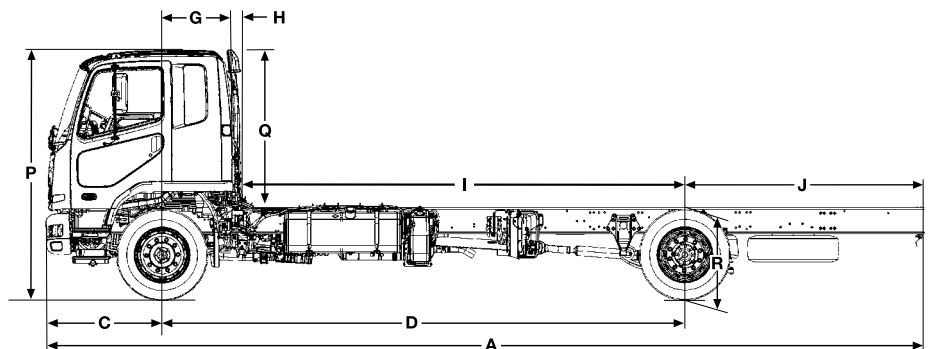
STANDARD FEATURES

Driving
 - Driver's airbag and seat belt pre-tensioners
 - Keyless central locking
 - Electric windows
 - Cruise Control
 - LH transom window
 - 24V accessory power outlet / cigar lighter
 - Air-conditioner / heater / demister
 - Radio / CD player
 - Cup holders (4)
 - Rear quarter glass
 - Fluorescent cabin lamp and interior reading lamps
 - Engine idle speed control
Storage
 - Centre seat storage console
 - LH seat storage tray
 - 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
 - Tool kit and chassis mounted tool box
 - Reverse warning buzzer
Service
 - 30,000km intervals or 12 months

WARRANTY

Vehicle: 36 months/200,000 km*

**Whichever comes first subject to the terms and conditions detailed in the warranty book.*



FIGHTER AUTO
 4x2 FM281M9A

FIGHTER AUTO

6X2 FU281U9A 6X4 FN280K9A
6X4 FN281U9A



MODEL	*NOMINAL PAYLOAD	GVM	GCM	POWER	W/BASE	CODE
FU281U9A	14.0T	23200kg	34000kg	280kW	6530mm	FN63FU2RFAD
FN280K9A	12.5T	23500kg	34000kg	280kW	4300mm	FN62FK2RFAD
FN281U9A	12.5T	24000kg	34000kg	280kW	6530mm	FN64FU2RFAD

* Subject to weight of body fitted

PERFORMANCE

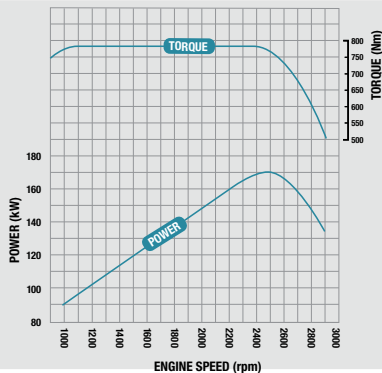
	U Wb	K Wb	U Wb
	6x2	6x4	6x4
Electronically Limited Speed (km/h)	100	100	100
Gradeability at Rated GVM:	40%	36%	37%
Gradeability at Rated GCM:	27%	26%	27%
Turning Circle (kerb to kerb):	22.0m	15.6m	21.8m

ENGINE

Mitsubishi FUSO 6M60-9AT2 Diesel (Euro V)

Configuration:	6 cyl. In-line OHC, 4-valve
Type:	Turbocharged with air to air intercooler, PCV & common rail fuel system, SCR after-treatment system (BlueTec)
Displacement:	7545cc
Bore:	118mm
Stroke:	115mm
Power (JIS Gross):	207kW (281ps) @ 2500 rpm
Torque (JIS Gross):	802 Nm (592 lb/ft) @ 1100 – 2400 rpm
Maximum Engine Speed:	2900 rpm
Compression Ratio:	16.0:1
Oil Cooler:	Plate type, water cooled
Air Cleaner:	Dual element cyclonic with vertical intake & air restriction indicator

6M60-9AT2 DIESEL ENGINE MODEL



FUEL

Injection System:	DENSO common rail system
Governor:	Electronic
Fuel Tank:	- FN62 200 litres rectangular steel - K/U Wb 400 litres rectangular alloy
Fuel Cooler:	Fitted
AdBlue Exhaust Fluid Capacity:	40 litres

COOLING

Fan:	540mm dia. 10 blades
Fan Drive:	Thermo modulated
Radiator:	Corrugated fin with expansion tank

ELECTRICAL

Voltage:	24V negative earth
Alternator Capacity:	24V-80 amp
Starter Capacity:	24V-5.0kW
Battery Capacity:	Heavy duty 2x12V, 100Ah/20hr
Headlamp - Type:	Halogen
- Capacity:	Low beam 2x70W High beam 2x70W

AUTOMATIC TRANSMISSION

Model:	M100A6
No. of Speeds:	6 with air assisted gearshift
Control Torque Converter:	TC415/2.35
Ratios	- 1st: 4.593 - 2nd: 2.257 - 3rd: 1.535 - 4th: 1.000 - 5th: 0.749 - 6th: 0.651 - Rev: 4.999
PTO Opening:	4 o'clock & 8 o'clock
Fluid Cooling:	2 chassis mounted fluid coolers (LH & RH Side)

PROPELLER SHAFT

Type:	FN63	P140
	K/U Wb	P140/P8
Universal Joint:		Needle roller

FRONT AXLE

Model:	F650T
Type:	Reverse Elliot 'I' Beam
Design and Max Operating Capacity:	6300kg

STEERING

Type:	Integral power assisted ball and nut
Ratio:	22.4:1
Steering Column:	Tilt/telescopic adjustable with lock
Steering Wheel:	Airbag

REAR AXLE FU 6X2

Front Rear Axle:	R10TT/10T, D10HT/10H
Type:	Full floating hypoid, tandem drive
Design Capacity:	10,800kg
Maximum Operating Capacity:	10,800kg
Ratio:	5.857
Lazy Axle:	
Type:	FUSO R10D
Design Capacity:	8,500kg
Maximum Operating Capacity:	8,500kg
Maximum Combined Operating Capacity:	17,200kg

REAR AXLE FN 6X4

Model:	R10T/10D, D10H
Type:	Full floating hypoid tandem drive with inter-axle diff lock
	K Wb U Wb
Design Capacity:	21,600 21,600
Max Combined Operating Capacity:	21,600 18,000
Ratio:	6.166 5.857

BRAKES

Type:	Full air, dual circuit, Mitsubishi FUSO taper roller, ABS, Automatic Brake Adjustment
Size	- Front: 410x150mm - Rear: 410x200mm
Park Brake:	Rear wheel spring actuated
Auxiliary:	Exhaust brake
Compressor:	Water cooled, 340cc single cyl.
Air Dryer Model:	MD4

FRONT SUSPENSION

Type:	Parabolic leaf
Size:	1400x80mmx20mm – 1 leaf x22mm – 2 leaves
Shock Absorbers:	Double acting

REAR SUSPENSION KW8

Type:	Long taper leaf, 6 tod trunnion
Size:	1320x90mm leaves

REAR SUSPENSION UW8

Type:	Trailing arm with air dump control
Air Spring:	2x250mm dia. per axle
Trailing Arm:	(643+390)x80x35mm-2 leaves
Capacity at Ground:	18000kg total
Shock Absorbers:	Double acting

CHASSIS

Type:	Reinforced parallel channel
Size:	280x90x8.0mm
Width:	U Wb 841mm K Wb 851mm (includes outer frame reinforcement)
Tensile Strength:	540Mpa
<i>Refer to FUSO bodybuilder guidelines on web site www.FUSO.co.nz before mounting a body or modifying the chassis.</i>	

WHEELS & TYRES

Wheel - Type:	11, Single piece disc	
- Size:	22.5x8.25DC-165-13T	
- Stud Pattern:	10x335mm PCD	
Tyre - Size:		
U Wb	275/70R22.5	148/145L
K Wb	11R22.5	148/145L
Traction tread to rear		
Spare Tyre Carrier: U Wb	Provided	

CAB FEATURES

All Steel Forward Control	
Type:	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
Steering Column:	Telescopic & tilt
Rear Vision Mirrors:	Remote / heated with convex spotter (both sides)
Seating Capacity:	3
Seat Belts:	2 ELR lap sash, 1 lap
Seats:	
- Driver	Air suspension with height, tilt and dampening adjustment integral headrest and fabric trim
- Centre	Low back with fabric trim forward folding
- LH	Fixed base reclining integral headrest and fabric trim

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:

- Glow plug indicator
- ABS
- Turn signal
- High beam
- Exhaust brake
- Oil level
- AdBlue low
- Fuel low
- Park brake
- Alternator
- Oil filter blockage
- Differential lock
- Engine control / Cruise Control (ECU)
- Air filter restriction
- Fuel filter water contamination
- Door opening
- Cab tilt lock

Warning Lamps/Buzzers:

- Air pressure
- Oil pressure
- Engine overheat / low coolant level

DIMENSIONS (mm)

Wb = Wheel Base	U Wb	K Wb
	6x2	6x4
Width Front Fender:	2450	2450
Rear Axle:	2470	2470
Front Track:	1925	1925
Rear Track:	1850	1850
Frame:	841	851
Length A Overall:	11030	7515
B Extreme Axle Spacing	7190	4960
C Front Overhang:	1245	1245
D Wheel Base:	6530	4300
F Rear Axle Spacing:	1320	1320
G Front Axle to Rear of Cab:	745	745
H Rear of Cab to Rear of Engine Cover:	130	130
I Frame, Rear of Engine Cover to Rear Axle:	5655	3425
J Frame, Rear Axle to End:	3255	1970
Height P Overall:	2630	2680
Q Cab to Frame:	1669	1663
R Rear Frame to Ground: Suspension		1037
- Inflated:		967
- Deflated:		913

KERB WEIGHT (kg - estimated)

	Front:	Rear:	Total:
FU281U9A	3320	3310	6630
FN280K9A	3310	3730	7040
FN281U9A	3405	3560	6965

Includes coolant, oils, spare wheels, tools and 20 litres fuel.

STANDARD FEATURES

Driving

- Driver's airbag and seat belt pre-tensioners
- Keyless central locking
- Electric windows
- Cruise Control
- LH transom window
- 24V accessory power outlet / cigar lighter
- Air-conditioner / heater / demister
- Radio / CD player
- Cup holders (4)
- Rear quarter glass
- Fluorescent cabin lamp and interior reading lamps
- Engine idle speed control

Storage

- Centre seat storage console
- LH seat storage tray
- 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

- Tool kit and chassis mounted tool box
- Reverse warning buzzer

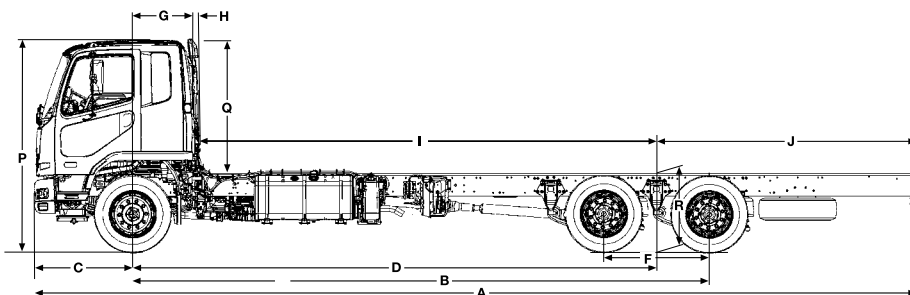
Service

- 30,000km intervals or 12 months

WARRANTY

Vehicle: 36 months/200,000 km*

**Whichever comes first subject to the terms and conditions detailed in the warranty book.*



FIGHTER AUTO
 6X2 FU281U9A 6X4 FN280K9A
 6X4 FN281U9A



For more information

Mitsubishi FUSO offers a full range of trucks, including the light-duty range of Canters, the medium-duty range of Fighters and the heavy-duty range of Shoguns. For information on the truck that's right for you, talk to your nearest Mitsubishi FUSO truck dealer.

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