

FIGHTER 250



GVM	GCM	POWER	W/BASE	CODE
13,500kg	15,000kg	250ps	5,210mm	FK62FLZ1RFAL
12,000kg	15,000kg	250ps	5,210mm	FK62FLZ1RFAL

PERFORMANCE (calculated paved road)

Electronic Speed Limited:	100km/h
Gradeability at 13,500kg GVM:	33.5%
Gradeability at 15,000 GCM:	29.5%
Turning Circle (kerb to kerb):	18.2m

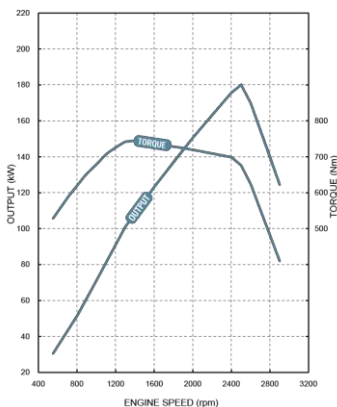
ENGINE

Model: Mitsubishi FUSO 6M60-9AT1 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:	7,545cc
Bore:	118mm
Stroke:	115mm
Power (JIS Gross):	184kW (250ps) @ 2,500 rpm
Torque (JIS Gross):	761Nm (56 lb/ft) @ 1,400 rpm
Maximum Engine Speed:	2,900rpm
Compression Ratio:	16:0:1
Oil Cooler:	Plate type, water cooled
Air Cleaner:	Dual element cyclonic with vertical, intake & air restriction indicator

6M60-9AT1 ENGINE MODEL

Engine performance curve 6M60-9AT1



FUEL

Injection System:	DENSO common rail system
Governor:	Electronic
Fuel Tank:	200 Litres Rectangular with Lockable Cap
Fuel Cooler:	Fitted
AdBlue Exhaust Fluid Capacity:	25 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 2 x 12V, 100Ah/20hr
Headlamp - Type:	Halogen
- Capacity:	Low beam 2 x 70W High beam 2 x 75W

AUTOMATIC TRANSMISSION

Model:	Allison LCT2500
No. of Speeds:	5
Control Torque Converter:	TC222/1.58
Ratios:	
1st:	3.512
2nd:	1.896
3rd:	1.439
4th:	1.000
5th:	0.737
Reverse:	5.086
PTO Opening:	LH & RH side
Fluid Cooling:	Cooler in front of radiator

PROPELLER SHAFT

Type:	P8
Universal Joint:	Needle roller

FRONT AXLE

Model:	F500T
Type:	Reverse Elliot 'I' beam
Design Capacity:	5,000kg
Maximum Operating Capacity:	5,000kg

REAR AXLE

Model:	R052T/D052H
Type:	Full floating hypoid
Design Capacity:	9,200kg
Maximum Operating Capacity:	9,500kg
Ratio:	5.428:1

STEERING

Type:	Integral power assisted ball & nut
Steering Wheel:	Airbag
Steering Column:	Tilt/telescopic adjustable with lock

BRAKES

Type:	Full air dual circuit, Mitsubishi taper roller with auto adjust & ABS
Size:	Front: 370 x 150mm Rear: 370 x 200mm
Lining area/swept:	4,708/7,439cm ²
Park Brake:	Rear wheel spring actuated
Auxiliary:	Exhaust brake
Compressor:	Water cooled, 340cc single cylinder with air dryer

FRONT SUSPENSION

Type:	Long taper leaf with stabilizer bar
Size:	1,300 x 70 x 16mm – 2 leaves x 18mm – 2 leaves
Capacity at Ground:	2,700kg each
Shock Absorbers:	Double acting

REAR SUSPENSION

Type:	Semi-elliptic leaf with stabilizer bar
Size:	1,300 x 70 x 12 mm – 10 leaves
Auxiliary:	900 x 70 x 11mm – 8 leaves
Capacity at ground:	4,865kg

CHASSIS

Type:	Parallel channel with reinforcement
Size:	230 x 80 x 8.0mm
Width:	844mm 540Mpa



4X2 AUTO

WHEELS & TYRES

Wheel:	Type:	6 x Single piece disc
	Size:	19.5 x 6.75-147
	Stud pattern:	8 x 285mm PCD
Tyre:	Size:	265/70R19.5LT 140/138M

KERB WEIGHT (kg – estimated)

Front:	2,465kg
Rear:	1,535kg
Total:	4,000kg

Includes coolant, oils, 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 with vinyl floor mat
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 with pre-tensioners
Seats: Driver:	ISRI air suspension with auto levelling, height, tilt and dampening adjustment Integral headrest & fabric trim
Centre:	Low back with fabric trim & forward folding
LH:	Fixed base, reclining, integral headrest & fabric trim

STANDARD FEATURES

Safety

- ABS
- Driver's Air Bag
- Seat Belt Pre-tensioners
- LH Transom Window
- Reverse Warning Buzzer
- Heated and remote controlled exterior mirrors

Driving

- Keyless Central Locking
- Electric Windows
- Cruise Control
- 24V Accessory Power Outlet/Cigar Lighter
- Air Conditioner/Heater/Demister
- Radio/CD Player/AUX/Bluetooth/Audio Streaming
- 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 & Chassis Mounted Tool Box

INSTRUMENTS

Gauges:

- Speedo with Odometer
- Tachometer
- Air pressure (2)
- Fuel level & urea level
- Water temperature

Colour Information Display:

- Fuel consumption
- Service indicators
- Hour meter and tripmeter

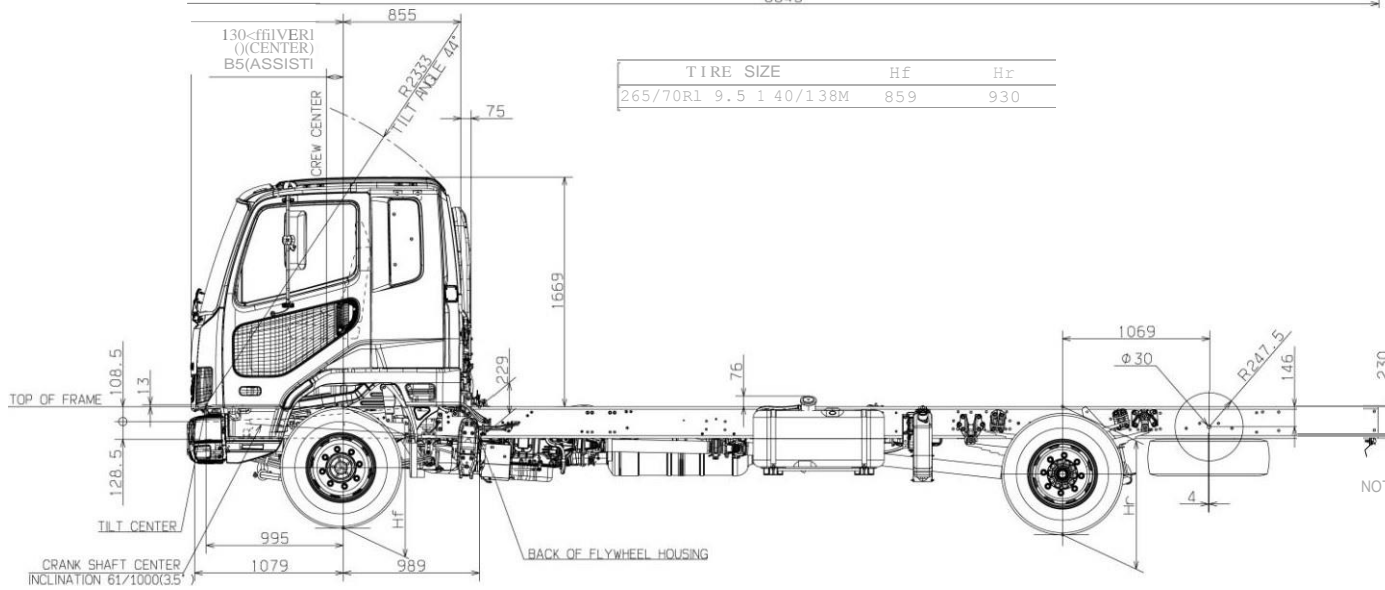
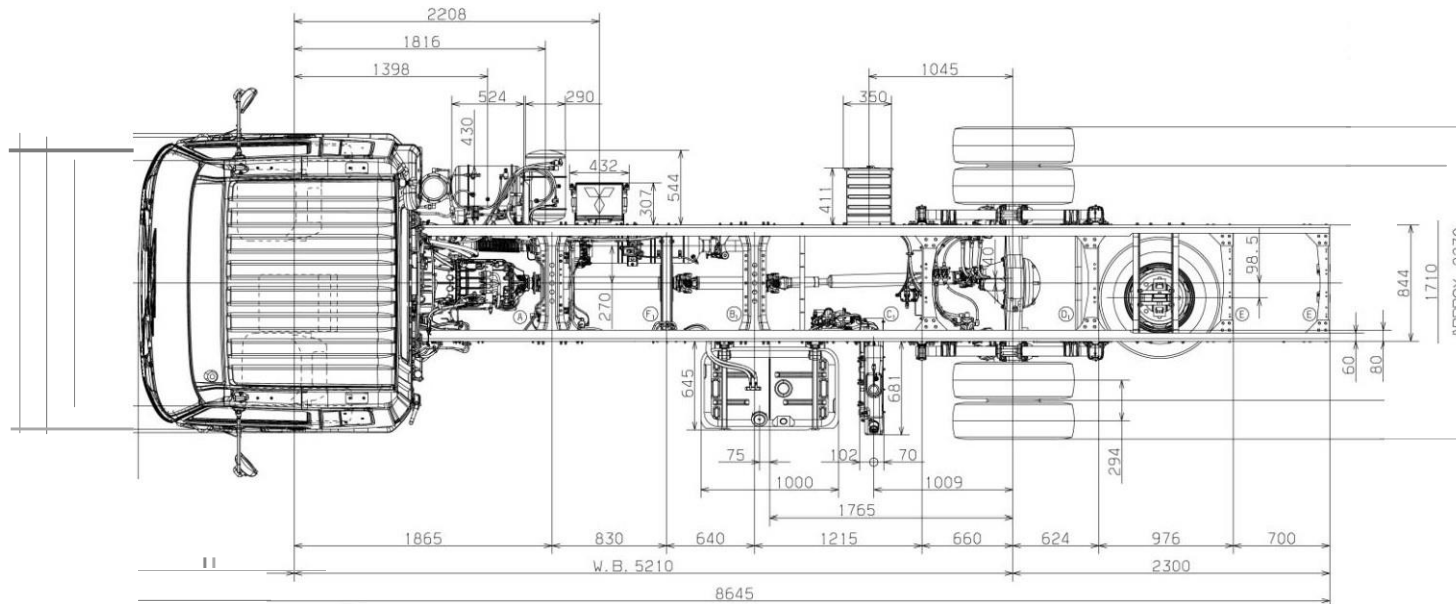
Warning Lamps:

- 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
- Door opening
- Cab tilt lock

Warning Lamp/Buzzer:

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

10.5 Chassis cab drawings



TIRE SIZE	Hf	Hr
265/70R1 9.5 1 40/138M	859	930

NOTE. FOR THE DETAILS OF CROSSMEMBERS.
SEE "DETAILS OF CROSSMEMBERS".

UNIT : mm
SCALE : 1/40