

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

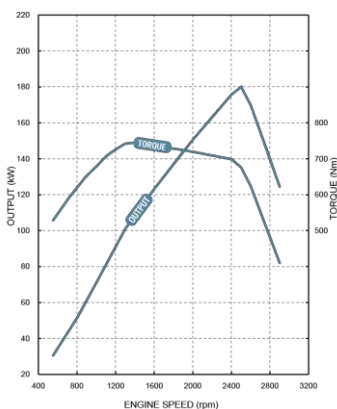
Compression Ratio: 16.0:1

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: 4,708/7,439cm²

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

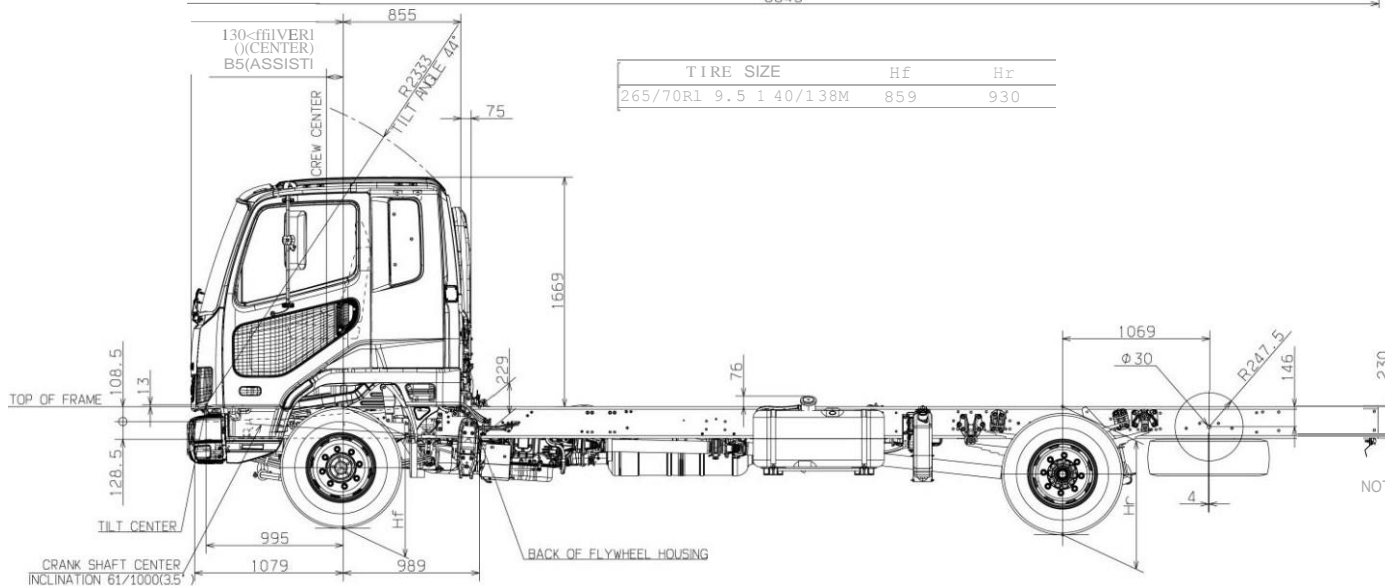
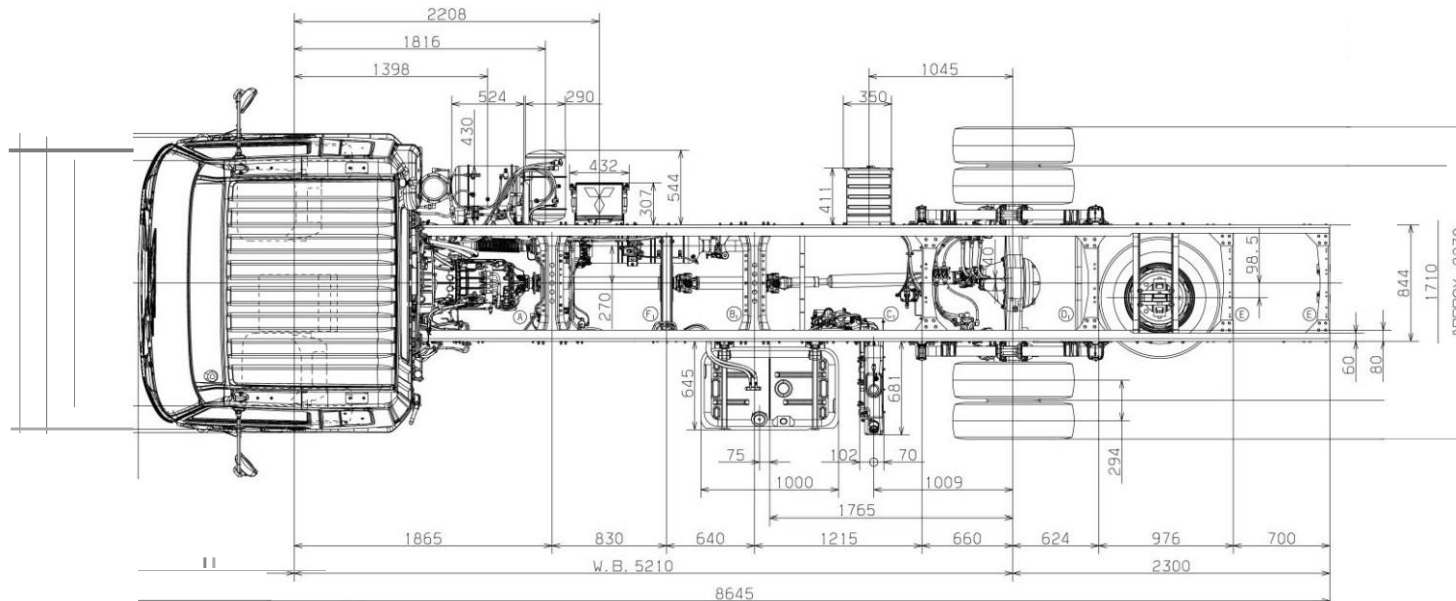
Warning Lamps:

- 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



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

UNIT : mm
SCALE : 1/40