

FIGHTER 250



| GVM | GCM | POWER | W/BASE | CODE |
|----------|----------|-------|---------|--------------|
| 13,500kg | 20,000kg | 250ps | 5,210mm | FK62FLZ1RFAC |
| 12,000kg | 20,000kg | 250ps | 5,210mm | FK62FLZ1RFAC |

PERFORMANCE

| | |
|--------------------------------|----------|
| Maximum Speed: | 122 km/h |
| Gradeability at Rated GVM: | 40.5% |
| Gradeability at Rated GCM: | 25.5% |
| 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 (250 ps) @ 2,500 rpm

Torque (JIS Gross): 761Nm (561 lb/ft) @ 1,400 rpm

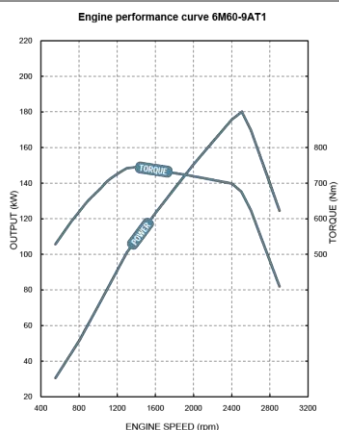
Maximum Engine Speed: 2,900 rpm

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



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 2x12V, 100Ah/20hr

Headlamp - Type: Halogen

- Capacity: Low beam 2 x 70W
High beam 2 x 75W

CLUTCH

Model: C7M38

Disc Diameter: 380mm

Type: Single dry plate

Operation: Air assisted hydraulic

Facing Area: Cerametallic – 754cm²

TRANSMISSION

Model: M070S6-0D

No. of Speeds: 6 with air assisted gearshift

Synchromesh: 2nd-6th

1: 6.807

2: 4.177

3: 2.396

4: 1.504

5: 1.000

6: 0.774

Reverse: 6.807

PTO Opening: LH Side

PROPELLER SHAFT

Type: P10

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: 9,500kg

Maximum Operating Capacity: 9,200kg

Ratio: 4.875:1

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 automatic brake adjustment, EZGO hill start assist & ABS

Size: Front: 370 x 150mm
Rear: 370 x 150mm

Park Brake: Rear wheel spring actuated

Auxiliary: Exhaust brake

Compressor: Water cooled, 340cc single cylinder with air dryer

FRONT SUSPENSION

Type: Parabolic Leaf

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 12mm – 10 leaves

Auxiliary: 900 x 70 x 11mm – 8 leaves

Capacity at Ground: 4,865kg each

CHASSIS

Type: Parallel channel with reinforcement

Size: 230 x 80 x 8.0mm

Width: 844mm
540Mpa



4X2

WHEELS & TYRES

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

KERB WEIGHT (kg – estimated)

| | |
|--------|---------|
| Front: | 2,395kg |
| Rear: | 1,445kg |
| Total: | 3,840kg |

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
- EZGO Hill Start Assist

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

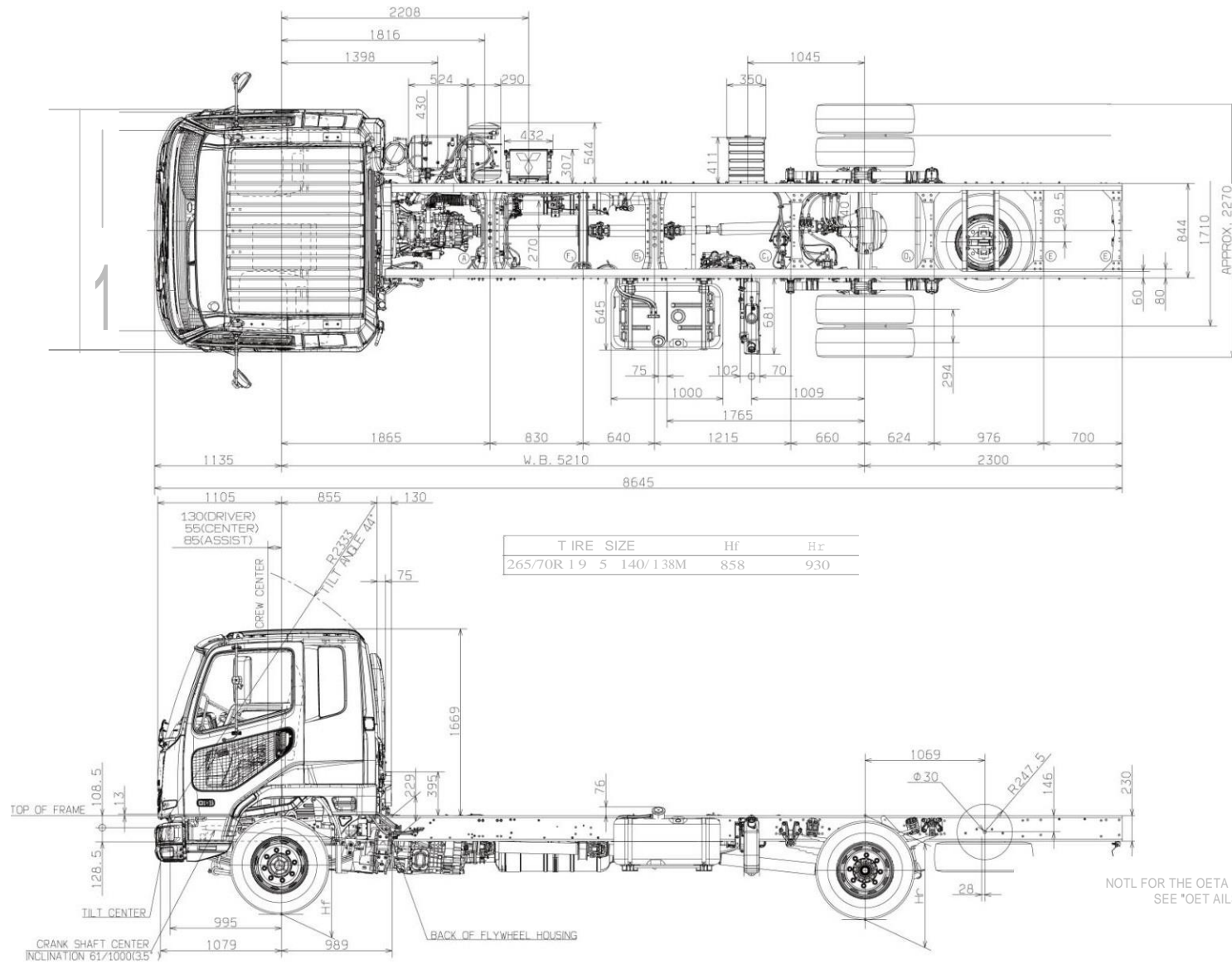
Warning Lamps:

- 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



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UNIT : mm
SCALE : 1/40