

FIGHTER 250



GVM	GCM	POWER	W/BASE	CODE
10,600kg	20,000kg	250ps	5,210mm	FK61FL1RFAC

PERFORMANCE

Maximum Speed:	123 km/h
Gradeability at Rated GVM:	54.0%
Gradeability at Rated GCM:	25.5%
Turning Circle (kerb to kerb):	16.6

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

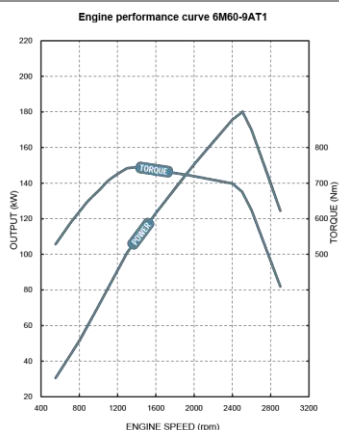
Maximum Engine Speed: 2,900 rpm

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: 4.172

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: F400T

Type: Reverse Elliot 'T' beam

Design Capacity: 3,800kg

Maximum Operating Capacity: 3,800kg

REAR AXLE

Model: R052T/D052H

Type: Full floating hypoid

Design Capacity: 9,500kg

Maximum Operating Capacity: 7,000kg

Ratio: 4.444:1

STEERING

Type: Integral power assisted – ball & nut

Steering Wheel: Airbag

Steering Column: Tilt/telescopic adjustable with lock

BRAKES

Type: Air actuated hydraulic dual circuit with auto adjust, EZGO hill start assist & ABS

Size: Front: 320 x 120mm
Rear: 320 x 140mm

Park Brake: Rear wheel spring actuated

Auxiliary: Exhaust brake

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

FRONT SUSPENSION

Type: Parabolic leaf with stabilizer bar

Size: 1,300 x 70 x 16mm – 1 leaf
x 18mm – 2 leaves

Capacity at Ground: 2,205kg each

Shock Absorbers: Double acting

REAR SUSPENSION

Type: Semi-elliptic leaf with stabilizer bar

Size: 1,300 x 70 x 11mm – 9 leaves

Auxiliary: 900 x 70 x 10mm – 7 leaves

Capacity at Ground: 3,500kg each

CHASSIS

Type: Parallel channel

Size: 228 x 80 x 7.0mm

Width: 842mm

Tensile Strength: 540Mpa



WHEELS & TYRES

Wheel:	Type:	6 x Single piece disc
	Size:	17.5 x 6.75-131
	Stud pattern:	6 x 222.25mm PCD
Tyre:	Size:	235/75R17.5LT 132/130M

KERB WEIGHT (kg – estimated)

Front:	2,210kg
Rear:	1,305kg
Total:	3,515kg

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

SAFETY 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

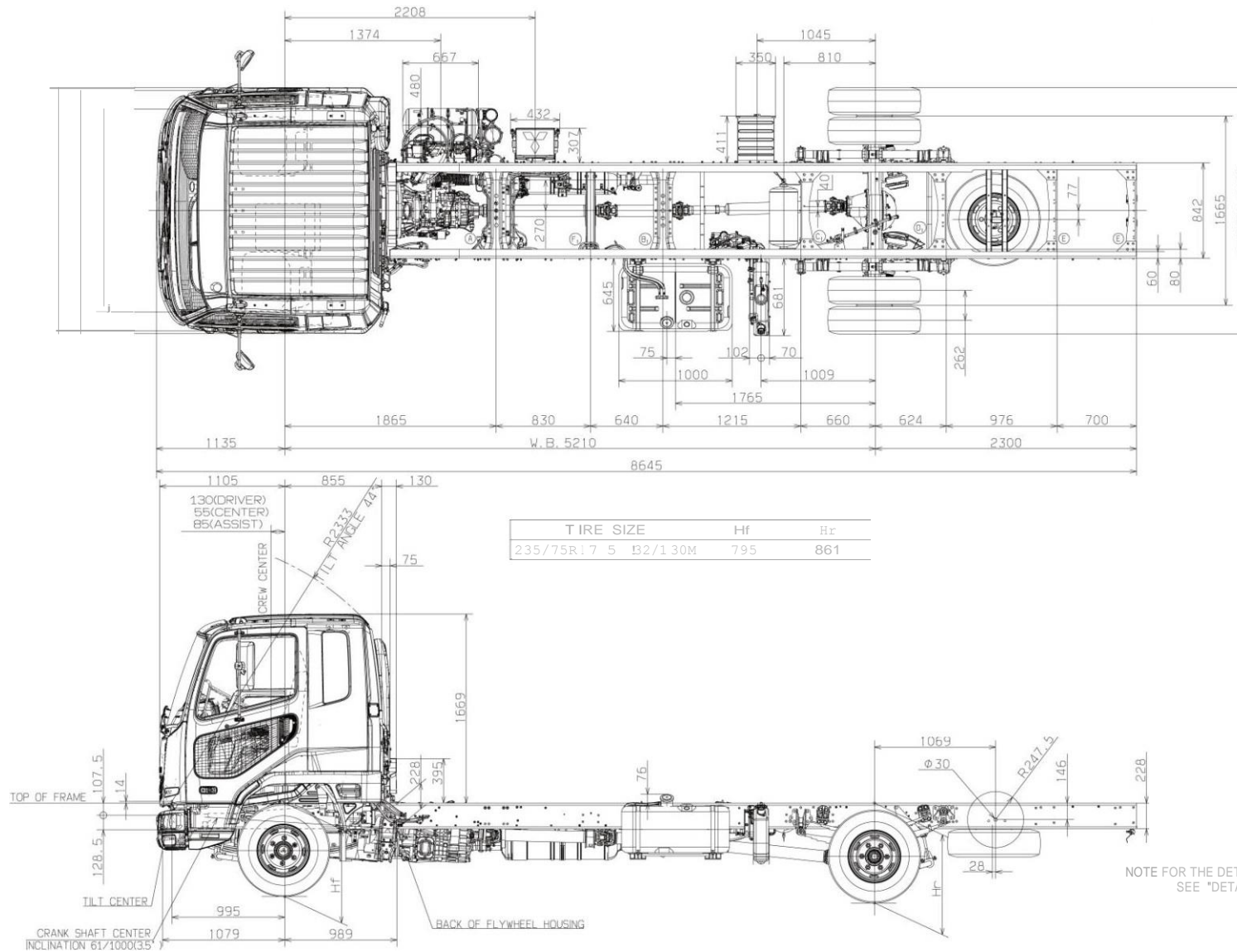
Warning Lamps:

- 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



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

UNIT mm
SCALE 1/40