

FIGHTER 280



GVM	GCM	POWER	W/BASE	CODE
24,000kg	34,000kg	280ps	6,530mm	FN64FU2RFAK
18,000kg	34,000kg	280ps	6,530mm	FN64FU2RFAK

PERFORMANCE

Electronically Speed Limited:	100 km/h
Gradeability at Rated GVM:	32.0%
Gradeability at Rated GCM:	21.5%
Turning Circle (kerb to kerb):	21.8m

ENGINE

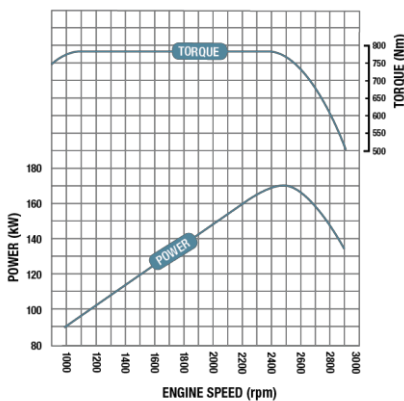
Mitsubishi FUSO 6M60-9AT2 Diesel (Euro V)

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: 7,545cc
Bore: 118mm
Stroke: 115mm
Power (JIS Gross): 207kW (281ps) @ 2,500rpm
Torque (JIS Gross): 802Nm (592lb/ft) @ 1,100-2,400rpm

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

6M60-9AT2 DIESEL ENGINE MODEL



FUEL

Injection System: DENSO common rail system
Governor: Electronic, speed limited to 100km/h
Fuel Capacity: 400L Alloy with lockable fuel cap
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 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: Eaton ES-11109
No. of Speeds: 9 forward, 1 reverse
Synchronesh: 1L~4H
Low High
Ratios: - Low: 12.64
- 1st: 8.81 2.48
- 2nd: 6.55 1.85
- 3rd: 4.77 1.34
- 4th: 3.55 1.00
- Reverse: 13.21
PTO Opening: LH Side

PROPELLER SHAFT

Type: P140
Universal Joint: Needle roller

FRONT AXLE

Model: F650T
Type: Reverse Elliot 'I' beam
Design Capacity: 6,300kg
Maximum Operating Capacity: 6,300kg

REAR AXLE

Model: R10T/10D, D10H
Type: Full floating hypoid tandem drive
with interaxle diff lock
Design Capacity: 21,600kg
Maximum Operating Capacity: 18,000kg
Ratio: 4.222:1

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 & ASR

Size: Front: 410 x 150mm
Rear: 410 x 200mm
Park Brake: Rear wheel spring actuated
Auxiliary: Exhaust brake
Compressor: Water cooled, 340cc single cylinder
with air dryer

FRONT SUSPENSION

Type: Parabolic leaf
Size: 1,400 x 80 x 20mm – 1 leaf
x 22mm – 2 leaves
Capacity at Ground: 3,665kg each
Shock Absorbers: Double acting

REAR SUSPENSION

Type: Trailing arm with air dump control
Air Spring: 2 x 250mm diameter per axle
Trailing Arm: (643+390) x 80 x 35mm – 2 leaves
Capacity at Ground: 18,000kg total
Shock Absorbers: Double acting

CHASSIS

Type: Reinforced parallel channel
Size: 280 x 90 x 8.0mm
Width: 841mm
Tensile Strength: 540Mpa



WHEELS & TYRES

Wheel:	Type:	10 x Single piece disc
	Size:	22.5 x 8.25DC-165
	Stud pattern:	10 x 335mm PCD
Tyre:	Size:	275/70R22.5 148/145K

KERB WEIGHT (kg – estimated)

Front:	3,135kg
Rear:	3,520kg
Total:	6,655kg

Includes coolant, oils, tools and 20 litres fuel.

CAB FEATURES

All steel forward control Wide Cab

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 leveling, 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

FN281U1/FN2 81U1D

FN64FJ2Rr- AK

