

FIGHTER 280



| GVM | GCM | POWER | W/BASE | CODE |
|----------|----------|-------|---------|-------------|
| 23,200kg | 34,000kg | 280ps | 6,530mm | FN63FU2RFAM |
| 18,000kg | 34,000kg | 280ps | 6,530mm | FN63FU2RFAM |

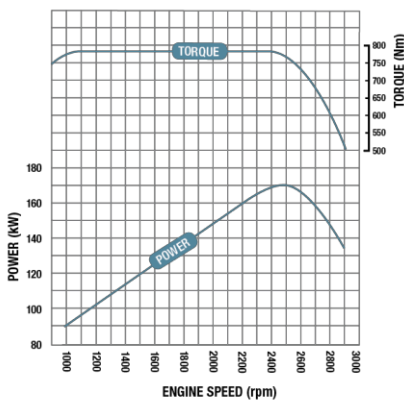
PERFORMANCE

| | |
|--------------------------------|--------|
| Electronically Speed Limited: | 100 km |
| Gradeability at Rated GVM: | 40.0% |
| Gradeability at Rated GCM: | 25.5% |
| Turning Circle (kerb to kerb): | 22.0m |

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 |

AUTOMATIC TRANSMISSION

| | |
|---------------------------|--|
| Model: | MD3500 |
| No. of Speeds: | 6 |
| Control Torque Converter: | TC415/2.35 |
| Ratios | - 1st: 4.593 - 2nd: 2.257 - 3rd: 1.535 - 4th: 1.000 - 5th: 0.749 - 6th: 0.651 - Rev: 4.999 |
| PTO Opening: | 4 o'clock & 8 o'clock |
| Fluid Cooling: | 2 chassis mounted fluid coolers (LH & RH 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

| | |
|--------------------------------------|----------------------------|
| Front Drive Axle: | R10T, D10H |
| Type: | Full floating hypoid drive |
| Design Capacity: | 10,800kg |
| Ratio: | 4.222:1 |
| Lazy Axle: | |
| Type: | FUSO R10D |
| Design Capacity: | 8,500kg |
| Maximum Combined Operating Capacity: | 17,200kg |

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, ABS & ASR |
| Size: | Front: 410 x 150mm Rear: 410 x 200mm Lazy Axle: 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 |
| 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 8.25-165 |
| | Stud pattern: | 10 x 335mm PCD |
| Tyre: | Size: | 275/70R22.5 148/145K |

KERB WEIGHT

| | |
|--------|---------|
| Front: | 3,205kg |
| Rear: | 3,250kg |
| Total: | 6,455kg |

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 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 |

INSTRUMENTS

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

STANDARD EQUIPMENT

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

FU281U2A/D

FU281U9A /D

FN63FU2RFAJ/FAM

