

FIGHTER 280



GVM	GCM	POWER	W/BASE	CODE
23,500kg	34,000kg	280ps	4,300mm	FN62FK2RFAK
18,000kg	34,000kg	280ps	4,300mm	FN62FK2RFAK

PERFORMANCE

Electronically Speed Limited:	100 km/h
Gradeability at Rated GVM:	37.0%
Gradeability at Rated GCM:	24.5%
Turning Circle (kerb to kerb):	15.6m

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

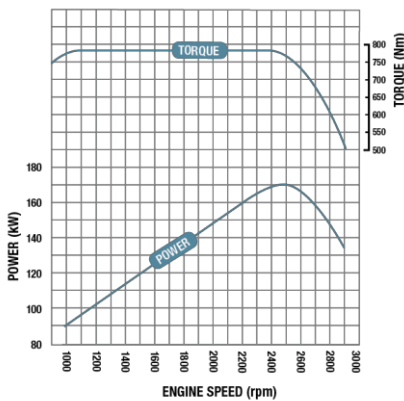
Maximum Engine Speed: 2,900 rpm

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: 200L 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: Quartz Halogen multi parabola

- 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

Synchromesh: 1L~4H

Ratios:

- Low:	12.64	High
- 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: 21,600kg

Ratio: 5.142:1

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: Long taper leaf, 6 rod trunnion

Size: 1,320 x 90 x 30mm – 5 leaves

Capacity at Ground: 11,000kg each

CHASSIS

Type: Reinforced parallel channel

Size: 280 x 90 x 8.0mm

Width: 851mm

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:	11R22.5 148/145L

KERB WEIGHT (kg – estimated)

Front:	3,035kg
Rear:	3,650kg
Total:	6,685kg

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

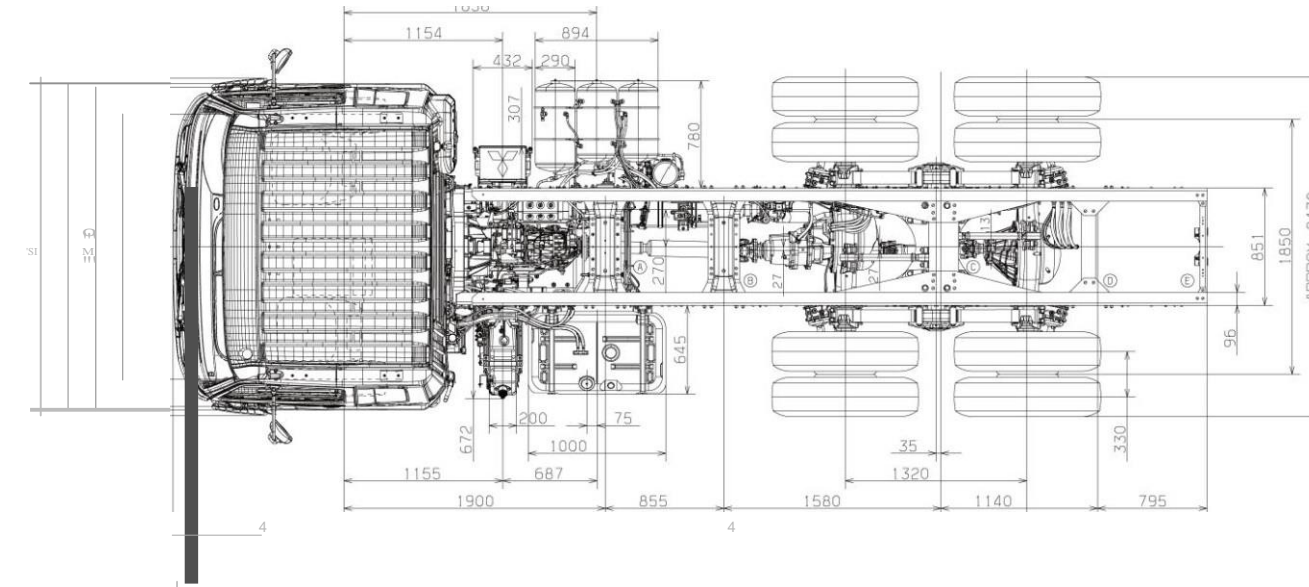
Warning Lamp/Buzzer:

- Air pressure
- Oil pressure
- Engine overheat/low coolant level

10.5 Chassis cab drawings

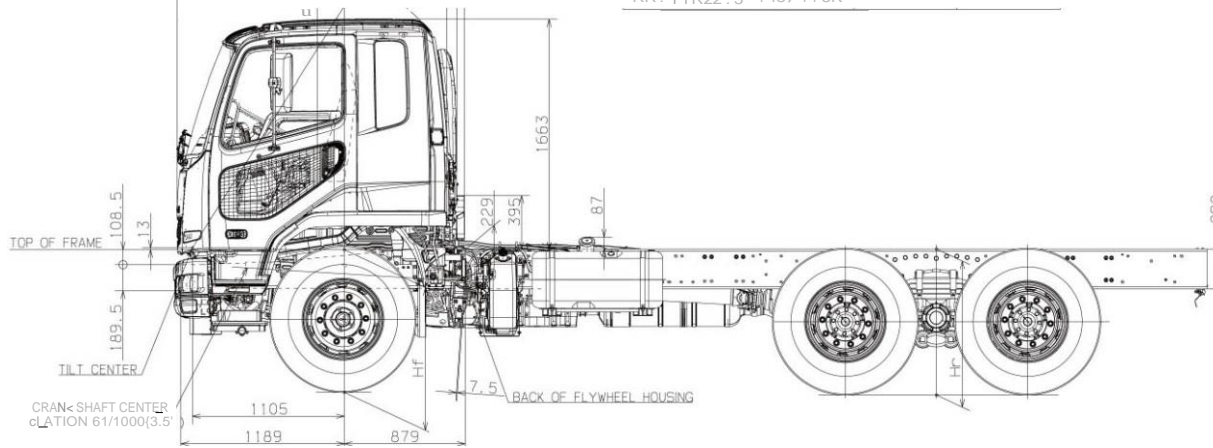
FN280K1/FN280K1D

FN62FK2RF AK



240-001VERI
 (CENTER)
 R2233
 TILT 4/4

TIRE SIZE	Hf	Hr
FR : 11R22.5 148/145L	1005	1037
RR : 11R22.5 148/145K		



NOTE. FOR THE DETAILS OF CROSSMEMBERS.
 SEE 'ONAILS OF CROSSMEMBERS'.

UNIT : mm
 SCALE : 1/40