

FIGHTER 14.0

FN61/2/3/4F
199kW 6x2, 6x4



FUSO

MODEL	W/Base	GVM	GCM	
FN61FU2RFAE	6x2 xlwb	6530mm	23000kg	} Steel Rear Suspension
FN62FK2RFAE	6x4 mwb	4300mm	23500kg	
FN63FU2RFAE	6x2 xlwb	6530mm	23200kg	} Air Rear Suspension
FN64FU2RFAE	6x4 xlwb	6530mm	24000kg	

ENGINE

Mitsubishi 6M60-1AT2 Diesel (ADR80/00)
 Configuration: 6 Cyl. In-line OHC, 4-Valve
 Type: Turbocharged with Air to Air Intercooler,
 Common Rail Fuel System and Catalytic Converter
 Displacement: 7545cc
 Bore: 118mm
 Stroke: 115mm
 Power (ECE R85-00): 199kW @ 2600 rpm
 Torque (ECE R85-00): 785Nm @ 1400 rpm
 Maximum Engine Speed: 2900 rpm
 Compression Ratio: 17.8:1
 Oil Cooler: Plate Type, Water Cooled

FUEL

Injection System: DENSO Common Rail System
 Governor: Electronic, Speed Limited to 100 km/h
 Controls: Key Operated Start/Fuel
 Engine Idle
 Emergency Stop
Cruise Control (range 40-100 km/h)
 Filtration: Main Filter and Water Separator
 Fuel Capacity: 185 Litres
 Air Cleaner: Dual Element Cyclopac with Vertical
 Intake and Air Restriction Indicator

COOLING

Fan: 520mm dia. 6 Blades
 Fan Drive: Thermo Modulated
 Radiator: Corrugated Fin with Expansion Tank

ELECTRICAL

Voltage: 24V Negative Earth
 Alternator Capacity: 24V-50 amp
 Starter Capacity: 24V-5.0kW
 Battery Capacity: 2x12V, 65Ah/20hr
 Headlamp - Type: Quartz Halogen Multi Parabola
 - Capacity: Low Beam 2x70W
 High Beam 4x70W

CLUTCH

Mitsubishi C7M38
 Disc Diameter: 380mm
 Type: Single Dry Plate
 Operation: Air Assisted Hydraulic
 Facing - Area: Cerametallic - 638.4cm²

TRANSMISSION

Eaton FS-8209
 No. of Speeds: 9
 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
 - Rev. 13.21
 PTO Opening: LH Side

PROPELLER SHAFT

Type: FN61/63. P13
 FN62/64. P13/P8
 Universal Joint: Needle Roller

FRONT AXLE

Mitsubishi F070T
 Type: Reverse Elliot 'I' Beam
 Capacity - Axle: 6000kg
 Max. Load Rating at Ground: 6000kg

REAR AXLE (FN61/63 - 6x2)

Mitsubishi R10T/10D, D10H
 Type: Full Floating Hypoid Drive with Trailing Rear
 Capacity - Axle: 17200kg
 Max. Load Rating at Ground: 17200kg
 Ratio: 4.222:1

REAR AXLE (FN62/64 - 6x4)

Mitsubishi R10TT/10T, D10HT/10H
 Type: Full Floating Hypoid, Tandem Drive
 with Inter-Axle Diff Lock
 Capacity - Axle: 21600kg
 Max. Load Rating at Ground: FN62. 21600kg
 FN64. 18000kg
 Ratio: FN62. 5.142:1
 FN64. 4.222:1

STEERING

Type: Integral Power Assisted Ball and Nut
 Ratio: 22.4:1
 Steering Wheel: 450mm, Energy Absorbing Urethane
 Steering Column: Tilt/Telescopic Adjustable with Lock

BRAKES

Type: Full Air, Dual Circuit, Mitsubishi Taper
 Roller with Automatic Brake Adjustment
 Size - Front: 410x150mm
 - Rear: 410x200mm
 Lining - Area/Swept: Asbestos Free -9144/14174cm²
 Park Brake: Rear Wheel Spring Actuated
 Auxiliary: Exhaust Brake
 Compressor: Water Cooled, 340cc Single Cyl.
 Air Dryer Model: DU-5

FRONT SUSPENSION

Type: Parabolic Leaf
 Size: 1400x80x19mm-4 Leaves
 Capacity at Ground: 3400kg ea.
 Shock Absorbers: Double Acting

REAR SUSP. (FN61/62 - Steel)

Type: Long Taper Leaf, 6 Rod Trunnion
 Size: 1320x90x30mm-5 Leaves
 Capacity at Ground: 11000kg ea.

REAR SUSP. (FN63/64 - Air)

Type: Trailing Arm with Air Dump Control
 RFCN: RF2011
 Air Spring: 2x250mm dia. per Axle
 Trailing Arm: (615+380)x80x35mm-2 Leaves
 Capacity at Ground: 18000kg total
 Shock Absorbers: Double Acting

CHASSIS

Type: Reinforced Parallel Channel
 Size: 280x90x8.0mm
 Width: FN61/63/64. 840mm
 FN62 (inc's outer reinforcement). 852mm
 Tensile Strength: 55kg/mm²

WHEELS & TYRES

Wheel - Type: 11, Single Piece Disc
 - Size: 22.5x8.25DC-165-12t
 - Stud Pattern: 10x335mm PCD
 Tyre - Size: FN62. 11R22.5 148/145L
 Traction Tread to Rear
 FN61/63/64. 275/70R22.5 148/145L
 Spare Tyre Carrier (FN61/63/64 only): Provided

OPTIONAL EQUIPMENT

R01 (FN61/63/64): 370 Litre (2x185) Fuel Capacity
 R02 (FN63): LSD to Drive Axle
 (FN64): LSD to Both Rear Axles
 R03 (FN63/64): R01 + R02 in Combination

MASS (kg - estimated)

Model	Front	Rear	Total
FN61FU2RFAE	2870	3315	6185
FN62FK2RFAE	2735	3690	6425
FN63FU2RFAE	2870	3225	6095
FN64FU2RFAE	2860	3405	6265

Note: Mass (est.) includes oil and water but excludes spare wheel, tools and fuel.

CAB FEATURES

All Steel Forward Control

Type:	Manual Tilt 44 deg.
Mounting:	Hydroelastic Suspension, 4 Point
Colour:	Natural White
Interior:	Fully Trimmed
Windscreens:	Laminated Tinted
Windscreen Wipers:	2 Speed - Intermittent Cycle
Rear Vision Mirrors:	RH. Heated
	LH. Remote/Heated with Convex Spotter
Seating Capacity:	3
Seat Belts:	2 ELR Lap Sash, 1 Lap
Seats	<u>Driver:</u> - Air Suspension with Auto Levelling Height Control
	- 32 Stage Reclining
	- 11 Stage Sliding
	- Front and Rear Height Adjuster
	- Lumbar Support
	- Integral Headrest and Fabric Trim
	<u>Centre:</u> - Low Back with Fabric Trim
	- Forward Folding
	<u>LH:</u> - Fixed Base
	- 32 Stage Reclining
	- Integral Headrest and Fabric Trim

INSTRUMENTS

Gauges:

- Speedometer with Odometer and Dual Tripmeter
- Tachometer
- Air Pressure (2)
- Fuel Level
- Water Temperature
- Digital Clock

Warning Lamps:

- Turn Signal
- High Beam
- Exhaust Brake
- Park Brake
- Alternator
- Oil Filter Blockage
- Engine/Cruise Control (ECU)
- High/Low Range
- Air Filter Restriction
- Door
- Cab Tilt
- Diff Lock (FN62/64 only)

Warning Lamp/Buzzer:

- Air Pressure
- Oil Pressure
- Engine Overheat/Low Coolant Level
- Air Rear Suspension (FN63/64 only)

STANDARD EQUIPMENT

- Electric Windows and Central Locking
- Tinted Side and Rear Glass
- **Air Conditioner/Heater Demister**
- AM/FM ETR Radio with Cassette and CD Player
- Centre Seat Storage Console
- LH Seat Storage Tray
- Overhead Storage Pocket with Lid
- RH Door Storage Pocket
- Rear Bunk Storage Pockets
- Cup Holders (2)
- Opening Rear Quarter Windows
- Interior Sun Visors
- Fluorescent Cabin Lamp
- Interior and Map Reading Lamps
- Windscreen Washers
- Hazard Warning Lamps
- Front End-Outline Marker Lamps
- Cigar Lighter
- Roof Mounting Points (max. static load 50kg)
- Electric Horn
- Reverse Warning Buzzer
- Tool Kit
- Chassis Mounted Tool Box
- Vertical Exhaust Outlet

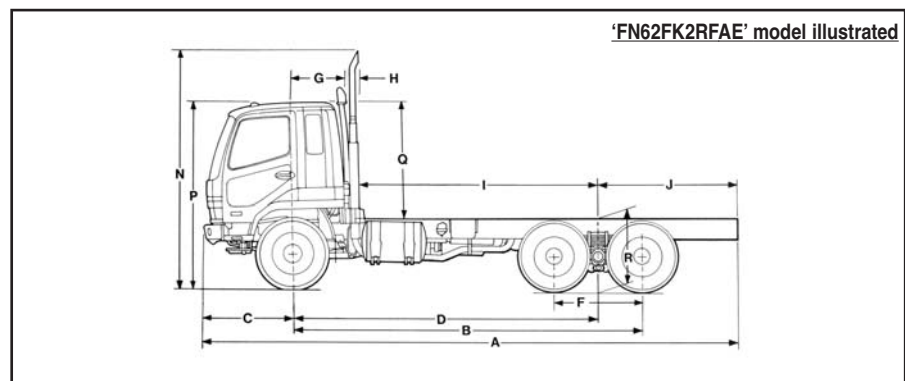
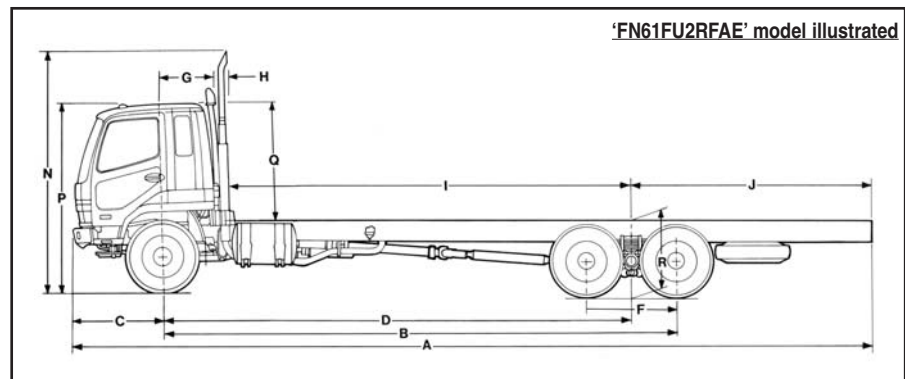
DIMENSIONS (mm)

		FN61FU 2RFAE	FN62FK 2RFAE	FN63FU 2RFAE	FN64FU 2RFAE
Width	Front Fender:	2370	2370	2370	2370
	Rear Axle:	2465	2465	2465	2465
	Front Track:	1915	1915	1915	1915
	Rear Track:	1845	1845	1845	1845
	Frame:	840	852	840	840
	Length	A Overall:	11030	7515	11030
B Extreme Axle Spacing:		7190	4960	7190	7190
C Front Overhang:		1245	1245	1245	1245
D Wheelbase:		6530	4300	6530	6530
F Rear Axle Spacing:		1320	1320	1320	1320
G Front Axle to Rear of Cab:		745	745	745	745
H Rear of Cab to Vertical Exhaust:		210	210	210	210
I Frame, Exhaust to Rear Axle:		5575	3345	5575	5575
J Frame, Rear Axle to End:		3255	1970	3255	3255
Height		N Overall:	3355	3405	3355
	P Cab to Ground:	2630	2680	2630	2630
	Q Cab to Frame:	1669	1663	1669	1669
	R Rear Frame to Ground:	990	1040	+972	+972
		Air Susp. + Inflated, *Deflated		*913	*913
		Ground Clearance:	205	250	205

PERFORMANCE (Calculated - Paved Road)

	*100	*100	*100	*100
Electronically Speed Limited to (km/h):	*100	*100	*100	*100
Gradeability at Rated GVM:	38.3%	41.4%	38.3%	35.6%
Gradeability at Rated GCM:	30.5%	33.0%	30.5%	28.7%
Turning Circle (kerb to kerb):	23.0m	16.0m	23.0m	23.0m

*Conforms to ADR 65/..



Note: Chassis reinforcement must be utilised for Tipper/Demountable type body configurations.
To conform with ADR 13/.. (lighting requirements) the following must be adhered to at body installation.

- Reflective rear marker plates must be installed.
- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall length exceeds 7.5 metres, side marker lamps must be installed.