

CANTER 4.5T

FE190G2

FE190J2

HEAVY DUTY
WIDE FRAME



FE190G2/J2

NOMINAL PAYLOAD	GVM	GCM	POWER	W/BASE	CODE
4.5t FE190G2	8200kg	10,900kg	188ps	3870mm	FE85DGZSRFAB
4.5t FE190J2	8200kg	10,900kg	188ps	4470mm	FE85DJZSRFAB

PERFORMANCE (Calculated – Paved Road)

Maximum Speed:	117km/h
Gradeability at Rated GVM:	37%
Gradeability at Rated GCM:	26.5%
Turning Circle (kerb to kerb):	G2: 13.8m J1: 15.6m

ENGINE

Mitsubishi 4M50-3AT8 Diesel (ADR 80/02)

Configuration: 4 Cyl. In-line DOHC, 4 Valve
Type: Turbocharged and Air to Air Intercooler,
EGR, PCV & Quick Heat Glow Plugs
Catalytic Converter

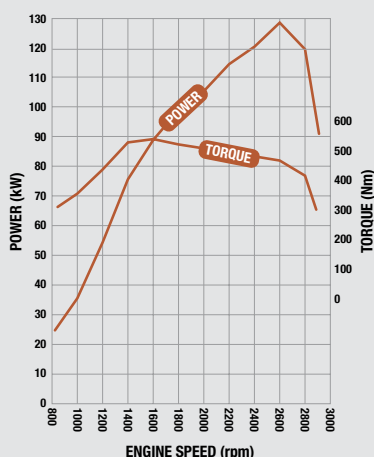
Displacement:	4899cc
Bore x Stroke:	114 x 120mm
Power (DIN nett):	130kW @ 2700 rpm (JIS Gross: 188ps)
Torque (DIN nett):	530Nm @ 1600 rpm (JIS Gross: 391lb/ft)

Limited to 421Nm in 1st & Rev. Gear

Maximum Engine Speed:	2900 rpm
Compression Ratio:	17.5:1
Oil Cooler:	Plate Type, Water Cooled

Meets EPA04 Exhaust Emission Standards

4M50-3AT8



FUEL

Pump:	BOSCH Common Rail System
Governor:	Electronic
Controls:	Key Operated Engine Start/Stop Engine Idle Control
Filtration:	Main Filter and Water Separator
Fuel Capacity:	100 Litres with Locking Fuel Cap
Air Cleaner:	Dry Paper Element with Vertical Intake

COOLING

Fan:	500mm dia. 8 Blades
Fan Drive:	Thermo Modulated
Radiator:	Corrugated Fin with Expansion Tank

ELECTRICAL

Voltage:	12V Negative Earth
Alternator Capacity:	12V-100 amp
Starter Capacity:	12V-3.0kW
Battery Capacity:	2 x 12V, 110Ah/20hr in Parallel
Headlamp:	2 x 55/60W Quartz Halogen

CLUTCH

Mitsubishi C5W33

Disc Diameter:	325mm
Type:	Single Dry Plate
Operation:	Hydraulic with Direct Power Cylinder
Facing – Area:	Asbestos Free – 966cm ²

TRANSMISSION

Mitsubishi M036S6

No. of Speeds:	6 with In-Dash Gearshift Control
Synchromesh:	2nd~6th
Ratios – 1st:	5.400
– 2nd:	3.657
– 3rd:	2.368
– 4th:	1.465
– 5th:	1.000
– 6th:	0.711
– Rev:	5.400
PTO Opening:	LH Side

PROPELLER SHAFT

Type:	P3
Universal Joint:	Needle Roller

FRONT AXLE

Type:	Reverse Elliot 'I' Beam
Design Capacity:	3100kg
Maximum Operating Capacity:	3100kg

REAR AXLE

Mitsubishi D040H

Type:	Full Floating Hypoid
Design Capacity:	5640kg
Maximum Operating Capacity:	5640kg
Ratio:	4.875:1

STEERING

Type:	Integral Power Assisted Ball and Nut
Ratio:	22.7:1
Steering Wheel:	400mm Urethane with Air Bag
Steering Column:	Tilt/Telescopic Adjustable with Lock

BRAKES

Type:	Ventilated Disc, Dual Caliper, Hydraulic Dual Circuit with ABS
Size – Front:	252 x 40mm
– Rear:	252 x 40mm
Lining – Area:	Asbestos Free – 946cm ²
Park Brake:	Transmission Mounted
Auxiliary:	Exhaust Brake

FRONT SUSPENSION

Type:	Long Taper Leaf with Stabiliser Bar
Size:	1200 x 70 x 14mm-1 Leaves 15mm-2
Capacity at Ground:	1500kg ea.
Shock Absorbers:	Double Acting

REAR SUSPENSION

Type:	Semi-Elliptic Leaf with Stabiliser Bar
Size:	1300 x 70 x 11mm-2 Leaves 14mm-2
Auxiliary:	900 x 70 x 10mm-1 Leaves 12mm-1 13mm-1 11mm-2
Capacity at Ground:	3100kg ea.
Shock Absorbers:	Double Acting

CHASSIS

Type:	Parallel Channel
Size:	226 x 70 x 6.0mm
Width:	840mm
Tensile Strength:	540 MPa

Refer to FUSO bodybuilder guidelines on website
www.fuso.co.nz/canterbodies before mounting a body
or modifying the chassis.



WHEELS & TYRES

Wheel – Type:	7, Single Piece Disc
– Size:	17.5 x 6.00DC-127-9t
– Stud Pattern:	6 x 222.25mm PCD
Tyre – Size:	215/75R17.5LT 124/123L
Spare Tyre Carrier:	Provided

KERB WEIGHT (kg – estimated)

	Front	Rear	Total
G2:	1890	870	2760
J2:	1890	910	2800

Includes coolant, oils, spare wheel, tools and 20 litres fuel.

CAB FEATURES

All Steel Forward Control

Type:	Manual Tilt 45°
Mounting:	Hydroelastic 4 Point
Colour:	Natural White
Interior:	Fully Trimmed
Windscreen:	Laminated Tinted
Windscreen Wipers:	2 Speed – Intermittent Cycle with Integrated Washer Nozzles
Rear Vision Mirrors:	1 x Internal 2 x External Convex – Heated
Seating Capacity:	3
Seat Belts:	2 ELR Lap Sash, 1 Lap Seat Belt Pre-Tensioner on Driver's Side
Seats Driver:	– 228mm Sliding – 47° Reclining – Headrest and Fabric Trim
LH:	– Flat Folding, 2 Passenger Bench Type with Reclining Adjustment – LH Headrest and Fabric Trim

INSTRUMENTS

Gauges:

- Speedometer with Odometer and Dual Tripmeter
- Tachometer
- Fuel Level, Water Temperature

Warning Lamps:

- High Beam
- Turn Signal/Hazard Warning
- Park Brake/Brake Dual Circuit
- Brake Oil Servo Pressure (inc's buzzer)
- Exhaust Brake, ABS
- Engine Pre-Heat
- Alternator
- Low Oil Pressure
- Engine Control (ECU)
- Heated Mirrors
- SRS Air Bag

CAB EQUIPMENT

- Driver's Air Bag and Seat Belt Pre-Tensioner
- Electric Windows
- Keyless Central Locking
- Door Side Impact Beams
- Tinted Side and Rear Glass
- Heater Demister/Air Conditioning
- AM/FM ETR Radio with CD Player and Digital Clock
- Dash Storage Tray, 2 DIN Glove Compartment
- RH Overhead, Map and Door Storage Pockets
- Floor Console, LH Seat Back Trays
- Cup Holders (2)
- Coat Hooks
- Interior Sun Visors
- Fluorescent Cabin Lamp
- Interior Dome Lamp with Delay Function
- Cigar Lighter
- Engine Access Panel
- Roof Mounting Points (max. static load 50kg)
- Electric Horn
- Reverse Warning Buzzer
- Toolkit

DIMENSIONS (mm)

WIDTH:	G2	J2
A Front Fender	1995	1995
B Rear Axle Overall	2135	2135
C Front Track	1665	1665
D Rear Track	1660	1660
E Frame	840	840
LENGTH:		
F Overall	6665	7575
G Front Overhang	1145	1145
H Wheelbase	3870	4470
I Rear Axle to Air Cleaner	3307	3907
J Rear Overhang	1640	1950
K Rear of Cab to engine cover	38	38
HEIGHT:		
L Overall	2250	2250
M Cab to Frame	1481	1481
Chassis Height at Rear Axle	865	865

WARRANTY

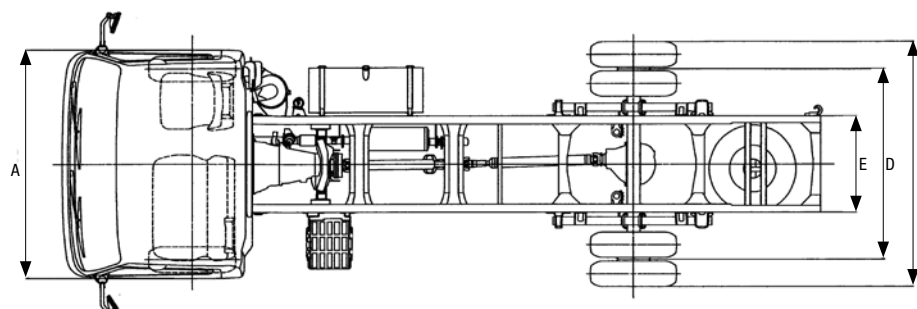
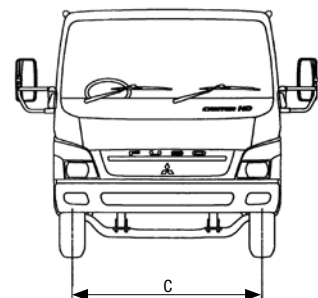
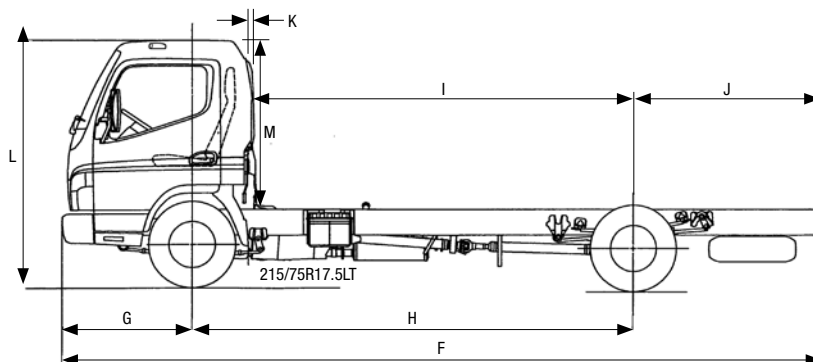
36 months/100,000km (whichever comes first)

**Subject to the conditions outlined in the New Vehicle Warranty leaflet*

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A policy of continual improvement means that specifications detailed in this brochure are subject to change without notice. Your Mitsubishi FUSO Dealer will be able to confirm the exact current specifications.



FUSO

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