

CITY BUS

**SPECIFICATION
SHEET**

LOW FLOOR

COMPLETE FACTORY BUSES

MP37



10.5M 32 SEATS 29 STANDING • 11M 34 SEATS 29 STANDING



**JAPANESE QUALITY BODY & CHASSIS
INTEGRATED MONOCOQUE DESIGN
SIMPLE PROVEN TECHNOLOGY
1 STOP 3 YEAR WARRANTY**


FUSO

SPECIFICATIONS

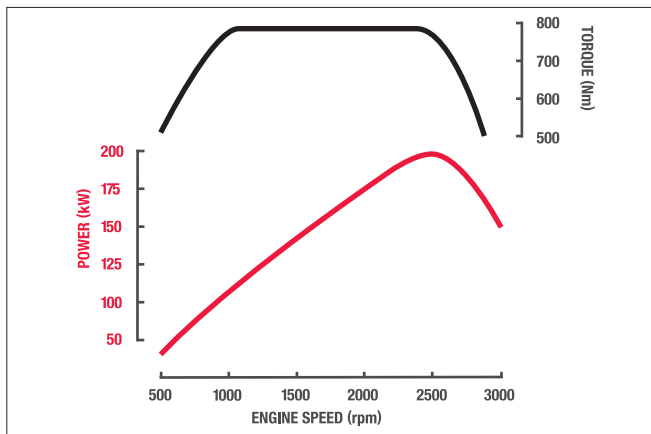
MODEL:
MP37FKFSRFAA
MP37FMFSRFAA

WHEEL BASE
4800mm
5300mm

ENGINE

Mitsubishi FUSO 6M60-T2 Diesel (ADR 80/03 JP09)

Configuration:	6 Cyl. In-line OHC, 4-Valve
Type:	VGT Turbocharged with Air to Air Intercooler,
Displacement:	7545cc
Bore:	118mm
Stroke:	115mm
Power (ECE R85-00):	199kW @ 2500 rpm
Torque (ECE R85-00):	784Nm @ 1100-2400 rpm
Maximum Engine Speed:	2900 rpm
Emission Control:	Diesel Particulate Filter (DPF) Exhaust Gas Recirculation (EGR) Selective Catalytic Reduction (SCR)



FUEL

Injection System:	DENSO Common Rail System
Fuel Tank:	160 Litres Max Fill to approx 96% of Air Capacity
Filtration:	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity:	40 Litres

IDLE STOP START (ISS) TECHNOLOGY

Function:	Switches engine off at idle to save fuel
Operation:	Automatic, triggered by brake pedal
Control:	Default setting is active (can be switched off)

ELECTRICAL

Voltage:	24V Negative Earth
Alternator Capacity:	24V-180 amp
Starter Capacity:	24V-7.0kW
Battery Capacity:	2x12V, 160Ah/5hr

AUTOMATIC TRANSMISSION

Allison T310	
Type:	6 Speed Automatic without retarder Oil Life Monitor Function Generation 5 Control Systems
Torque Converter:	TC419/2.02
Ratios	- 1st: 3.490 - 2nd: 1.860 - 3rd: 1.410 - 4th: 1.000 - 5th: 0.750 - 6th: 0.650 - Rev.: 5.030

FRONT AXLE

Mitsubishi FUSO F900B	
Type:	Reverse 'I' Beam

REAR AXLE

Mitsubishi FUSO R8BR/(D8H)	
Type:	Full Floating Hypoid
Ratio:	6.166:1

STEERING

Type:	Integral Power Assisted Ball and Nut
Steering Column:	Tilt/Telescopic Adjustable with Lock

FRONT SUSPENSION (AIR)

Type:	Two Airbag 5 Link with Double Acting Shock Absorbers
Features:	Kerb Side Kneeling Function Increased Ride Height Function (+50mm below 20km/hr)

REAR SUSPENSION (AIR)

Type:	Four Airbag 4 Link with Stabiliser
Shock Absorbers:	Double Acting



Allison 6 Speed Touch Pad Automatic Transmission with Generation 5 Control Systems for state of the art operation.



Well laid out cabin with all control within easy reach with separate airconditioning and heating systems.



The dash has a colour display that shows important information such as average and current fuel consumption.

BRAKES

Type:	Air Over Hydraulic Dual Circuit Drum Auto Slack Adjusters, ABS Brake Interlock when Doors open
Size - Front:	410x160mm
- Rear:	410x210mm
Park Brake:	Rear Wheel Spring Actuated
Auxiliary:	Engine 'Powertard' plus Exhaust Brake

CHASSIS & BODY

Structure Type:	Compound Structure utilising Integrated Monocoque Design Rahmen Truss Structures
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WHEELS & TYRES

Wheel - Type:	Steel Disc Rims
- Size:	22.5x7.5
- Stud Pattern:	10x335mm PCD ISO
Tyre - Size:	275/70R22.5 148/145

MASS (KG - ESTIMATED)*

Model	
MP37FKFSRFAA	10350
MP37FMFSRFAA	10590
Note: Mass (est.) includes oil and water but excludes spare wheel, tools & fuel	
*Weights provided are subject to 3.5% variation (+/-)	

INSTRUMENTS

Gauges:	Speedometer Tachometer Fuel Level Water Temperature Air Pressure (x2) AdBlue Level
Colour Information Display	Fuel Consumption Service Indicators Tripmeter Hour Meter Alarm Oil Pressure Voltmeter DPF Information

AIR CONDITIONING (SEPARATE)

Make:	Denso Compressor, Condenser Evaporator & Receiver
Model:	DDL-5CESE-442M
Type:	Twin Compressors driven off Engine
Capacity:	20600 kcal/hr (JIS Standard)

HEATING (SEPARATE)

Make:	Mikuni Corp Japan
Type:	Twin Heater System run off Engine Water Pump
Capacity: - Front:	7050W
- Rear:	5600W

EXTERIOR

Windscreen:	2 Piece
Rear Window	Single Piece
Side Windows	Lower Section bonded Upper Section sliding type

INTERIOR & SEATS

Floor Height	60% of Area between Axles 550mm or lower
Lighting:	Overhead & on Steps
Stop Request Button:	Located throughout
Passenger Seats:	
Forward Facing	- Both Models: 27
Main Aisle	- MP37FK: 5 Folding - MP37FM: 7 Folding
Trim:	Cloth Fabric

DOORS & PASSENGER RAILS

Passenger Door - Front:	2 Piece Inwards Folding Air Operated
- Rear:	Single Piece Sliding Air Operated
Grab Rails	Stainless Steel Pipe Located on both sides of Main Aisle

WHEELCHAIR ACCESS

Entry	Through Front Door Manual Flip Out Type Entry Ramp
Aisle	850mm between Wheel Arches
Spaces	MP37FK: One MP37FM: Two

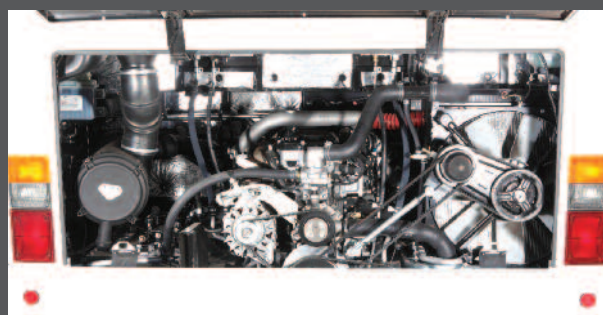
DRIVER ENVIRONMENT

Seat:	Low Back Mechanically Suspended Lap Sash, Pillar Mounted Seat Belt with Warning Buzzer if not fastened
Protection:	Basic Stainless Steel Pipe Frame with Metal Sheet mounted behind Driver
Visibility Mirrors:	LH & RH External Rear View 4 x Internal for Passenger Entry/Exit
Communication:	PA System with Microphone, Internal Speakers & Rear Door External Speaker Point

Model	MAX. AXLE LOADING		Total
	Front	Rear	
MP37FK (10.5m)	5200kg	10000kg	14380kg
MP37FM (11.0m)	5200kg	10000kg	14880kg



Cloth finished seats, easy wheelchair access, kerb side kneeling suspension add up to passenger comfort and satisfaction.



Simple and tidy engine installation and compartment for ease of servicing and maintenance.

SPECIFICATIONS

CUSTOM FIT OUT CONSIDERATIONS*

* The FUSO MP Range is built in Japan to arrive in Australia in a 'nearly ready to work' state. Customers must consider State and regional regulations and their own specific operational requirements in arriving at their final fitout.

Provided

Driver's Protection - Very Basic
 Drivers Storage - Small
 Low Back Driver's seat for basic short distance driving
 Destination Sign Support - Front, Side & Rear Space with Fused Electrical Circuit
 Fluorescent Cabin Lamp and Interior Reading Lamps

Not Provided

Driver's Sun Blind
 CCTV Camera Security
 Radio &/or CD Player
 Destination Signs
 Damage Protection Under Body Skid Plates
 Wheel Chair Floor Painting
 Wheel Chair Tie down Points
 Swing Type Grab Handles for Standing Passengers
 External Warnings - State Regulation based Signage &/or Flashing Lights
 Ticketing Machines or relevant Wiring and Structure

Service

15,000km Intervals or 12 Months

DIMENSIONS (MM)

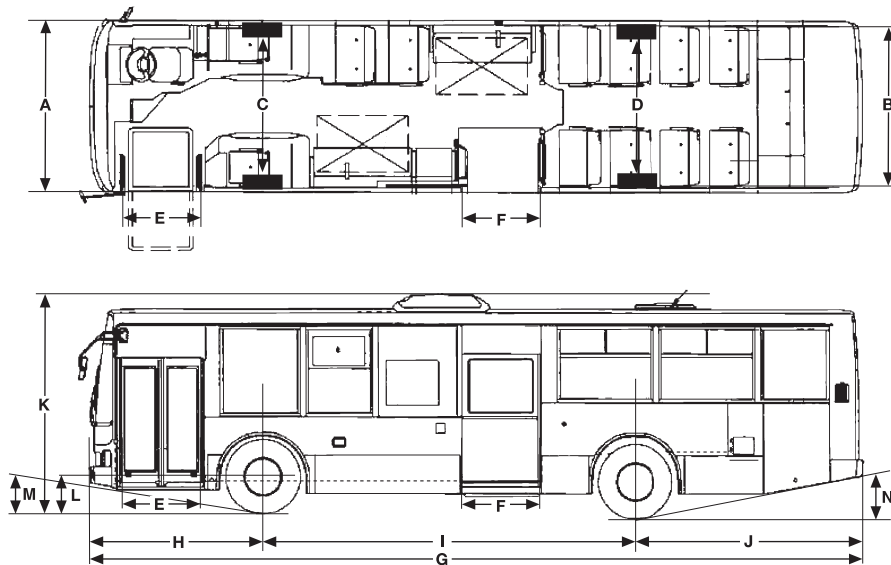
Wb = Wheel Base		4.8m Wb	5.3m Wb
Width	A Overall Outside:	2490	2490
	B Overall Inside:	2305	2305
	C Front Track:	2065	2065
	D Rear Track:	1815	1815
	E Front Door Opening:	1010	1010
	F Rear Door Opening	1005	1005
Length	G Overall:	10510	11010
	H Front Overhang:	2460	2460
	I Wheelbase:	4800	5300
	J Rear Overhang:	3250	3250
Height	K Overall:	3120	3120
	L Ground to Front Axle:	135	135
Clearance	M Approach Angle:	7.8°	7.9°
	Ramp Angles:	10.2°	9.4°
	N Departure Angles:	8.4°	8.3°
	Turning Circle (kerb to kerb):	16.3m	17.9m

PERFORMANCE - (CALCULATED-PAVED ROAD)

Electronically Speed Limited to (km/h):	*100	*100
Engine Speed at 100km/hr (rpm):	2304	2304
Gradeability** at Maximum Capacity:	21%	21%

* Conforms to ADR65/..

** This is Theoretical Performance (it may vary under different conditions).



WARRANTY

3 YEAR & 3 YEAR

Basic/Powertrain

3 Years, 200,000kms or 4,000 operating hours
 (whichever comes first)

3 Years Cab Perforation/Anti Corrosion

Call 1300 426 812 or visit fuso.com.au

