

CITY BUS



MP37 City Bus.

Auto / Low Floor / Proven Technology



COMPLETE FACTORY BUS WITH 3 YEAR WARRANTY.

People (Inc. driver)

61 OR 63

Length

10.5_M OR 11.0_M

Power/Torque

199_{kW} / 785_{Nm}

- Medium rigid licence required.
- Configuration: 32/34 seated & 29 standing.

SPECIFICATIONS

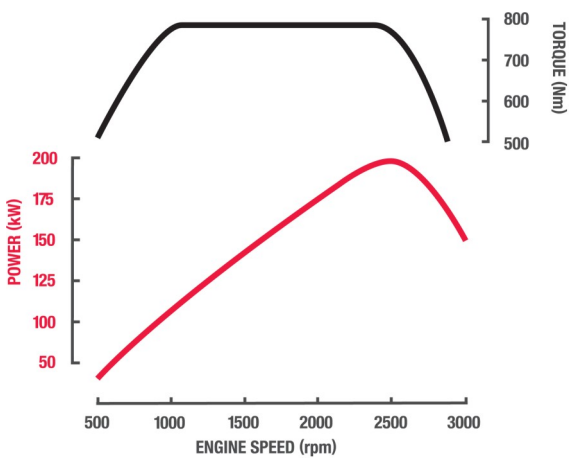
MODEL

LENGTH

CONFIGURATION

A	B	MP37 City Bus MWB Low Floor 6 Sp. AUTO (MP37FMFSRFAA)	11.0M	63 People (34 seated + 29 standing)
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Engine		
Engine Version	A FUSO 4P10-T2 Diesel	B FUSO 6M60-T2 Diesel
Configuration	A 4 Cyl. In-line DOHC, 4-Valve	B 6 Cyl. In-line OHC, 4-Valve
Type	A Variable Geometry Turbo Charged Air to Air Intercooled	B Variable Geometry Turbo Charged Air to Air Intercooler
Displacement	A 3 litre (2998cc)	B 7.5 litre (7545cc)
Bore	A 95.8mm	B 118mm
Stroke	A 104mm	B 115mm
Power (DIN)	96kW @ 3050~3500 rpm	
Torque (DIN)	300Nm @ 1300~3050 rpm	
Power (ECE R85-00)	199kW @ 2500 rpm	
Torque (ECE R85-00)	785Nm @ 1100-2400 rpm	
Maximum Engine Speed	A 4100 rpm	B 2900 rpm
Compression Ratio	17.5:1	
Cooling System / Oil Cooler	A Water cooled, 13.0L capacity/ Plate type engine oil cooler	B Water cooled, 30.0L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)	
Emission Control	A Diesel Particulate Filter (DPF) Exhaust Dash Display DPF Status 0~9 (Empty~Full) Parked Regeneration possible from 7~9	B Diesel Particulate Filter (DPF) Exhaust Gas Recirculation (EGR) Selective Catalytic Reduction (SCR)
Emission Level	A ADR 80/03 & EEV rated Enhanced Environmentally-Friendly Vehicle Euro 5	B Complies with ADR80/03 using JP09 JP09 pollutant levels are well below Euro 5



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)

Fuel		
Injection System	A Bosch Common Rail Direct Injection Bosch Piezo Technology Injectors	B DENSO Common Rail System Electronically Controlled Direct Injection
Tank Type	Rectangular Steel Tank with Locking Cap	
Fuel Capacity *	A 100 Litres	B 160 Litres
Filtration	A Filter with Water Separator and Indicator Sensor	B Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity	40 Litres	
Speed Limiter	Speed Limited 100km/h	
Notes	*Max Fill to approx 95% of Air Capacity	

Cooling	
Fan Drive	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

Electrical		
Voltage	A 12V Negative Earth	B 24V Negative Earth
Battery Capacity	A 2x12V, 70Ah/5hr	B 2x12V, 160Ah/5hr
Battery Specification	115D31L x2	
Headlamp Type	Halogen	
Headlamp Capacity	2x55W/60W	

Clutch	
Clutch Model	FUSO C3W28
Type	Single Dry Plate, Direct Hydraulic Type

Transmission		
Version	A FUSO M038S5	B Allison Automatic T310
Type/Speeds	A 5 Speed with In-Dash Gearshift Lever	B 6 Speed Without Retarder
Features	A Synchromesh 1st-5th	B Oil Life Monitor Function Generation 5 Control Systems
Ratios	A 1st: 5.494 2nd: 3.193 3rd: 1.689 4th: 1.000 5th: 0.723 Rev. 4.494	B 1st: 3.490 2nd: 1.860 3rd: 1.410 4th: 1.000 5th 0.750 6th 0.650 Rev. 5.030
Torque Converter/Stall Torque Ratio	TC419/2.02	
PTO Opening	LH Side	

Front Axle		
Axle Version	A FUSO F200T	B FUSO F900B
Type	A Independent Front Suspension	B Reverse 'I' Beam
Capacity *	2300kg	
Notes	*See MAX LOADING for vehicle capacity.	

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MODEL

A MP37 City Bus MWB Low Floor 6 Sp. AUTO (MP37FMFSRFAA)
B MP37 City Bus MWB Low Floor 6 Sp. AUTO (MP37FMFSRFAA)

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CONFIGURATION

63 People (34 seated + 29 standing)

Front Suspension

Type	A Double Wishbone Independent Front Suspension with Coil Springs and Shock Absorbers	B Two Airbags, 5 Link with Double Acting Shock Absorbers
Features	Kerb Side Kneeling Function Increased Ride Height Function (+50mm below 20km/hr)	

Rear Axle

Type	A Full Floating Banjo Type	B Full Floating Hypoid
Axle Version	A FUSO R030T	B FUSO R8BR/(D8H)
Capacity*	3800kg	
Ratio	A 4.444:1	B 6.166:1
Notes	*See MAX LOADING for vehicle capacity.	

Rear Suspension

Type	A Steel Suspension	B Air Suspension
Details	A Parabolic Leaf with Shock Absorbers	B Four Airbags, 4 Link with Double Acting Shock Absorber and Stabiliser Bar
Size Main Leaves	1100x70mm	

Max Loading

Front	A 2180kg	B 5200kg
Rear	A 3800kg	B 10000kg
Total	A 3510kg	B 14880kg

Steering

Type	A Rack & Pinion	B Integral Power Assisted Ball and Nut
Steering Column	A Tilt/Telescopic Adjustable	B Tilt/Telescopic Adjustable with Lock
Power Assist	Standard	

Brakes

Type	A Hydraulic Dual Circuit with Front and Rear Discs Single Calliper Front and Rear	B Air Over Hydraulic Dual Circuit Drum Auto Slack Adjusters, ABS Brake Interlock when Doors open
Size Front	A 276x28mm	B 410x160mm
Size Rear	A 276x28mm	B 410x210mm
Features	ABS plus EBD (Electronic Brake Distribution) Exhaust Brake Brake Priority System	
Park Brake	A Transmission Mounted	B Rear Wheel Spring Actuated
Auxiliary	Engine 'Powertard' plus Exhaust Brake	

Wheels & Tyres

Wheel Type	A 7 x Single Piece Disc Rims (Including Spare)	B Steel Disc Rims
Wheel Size	A 16.0x5.5K-115	B 22.5x7.50-162-13t
Wheel Stud Pattern	A 5 Stud 208 PCD	B 10x335mm PCD ISO
Tyre Size All	A 185/85R16 111/109	B 275/70R22.5 148/145
Spare Tyre Carrier	Provided	

Chassis

Type	A Reinforced Tapered Channel	B Compound Structure utilising Integrated Monocoque Design Rahmen Truss Structures
Size	188x60x4mm	
Width	699mm	
Tensile Strength	440 MPa	

Instruments

Gauges	A Speedometer with Odometer Tachometer Fuel Level Water Temperature	B Speedometer Tachometer Fuel Level Water Temperature Air Pressure (x2) AdBlue Level
Colour Information Display	A Fuel Consumption DPF Bar Chart from 1~9 Water Temperature Maintenance Reminder System Tripmeters	B Fuel Consumption Service Indicators Tripmeter Hour Meter Alarm Oil Pressure Voltmeter DPF Information

Exterior

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

Interior

Lighting	Overhead & on Steps
Floor Height	60% of Area between Axles 550mm or lower
Stop Request Buttons	Located throughout
Passenger Seats Forward Facing	27
Passenger Seats Main Aisle Trim	7 Folding Cloth Fabric

Doors & Passenger Rails

Passenger Door Front	2 Piece Inwards Folding Air Operated
Passenger Door 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 Spaces	850mm between Wheel Arches Two

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MODEL	LENGTH	CONFIGURATION
A B MP37 City Bus MWB Low Floor 6 Sp. AUTO (MP37FMFSRFAA)	11.0M	63 People (34 seated + 29 standing)

Driver Comfort & Features

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

Air Conditioning (Separate Unit)

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

Heating (Separate Unit)

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

Cabin Heating / Demisting

Passenger Access & Seating

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 Intervals

Interval*	A 30,000km or 12 Months	B 15,000km or 12 Months
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.	

Warranty

Basic/Powertrain	A 5 Years or 200,000kms	B 3 Years or 200,000kms
Cab Perforation/Anti Corrosion	A 5 Years	B 3 Years

Performance

Turning Circle (kerb to kerb)	17.9m
Electronically Speed Limited to: *	100 km/hr
Engine Speed at 100km/hr (rpm)	2304
Gradeability at Maximum Capacity **	21%
Note:	* Conforms to ADR/65 ** This is a Theoretical Performance. Actual Performance May Vary Under Different Conditions).

Mass (estimated)*

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

Dimensions (mm)

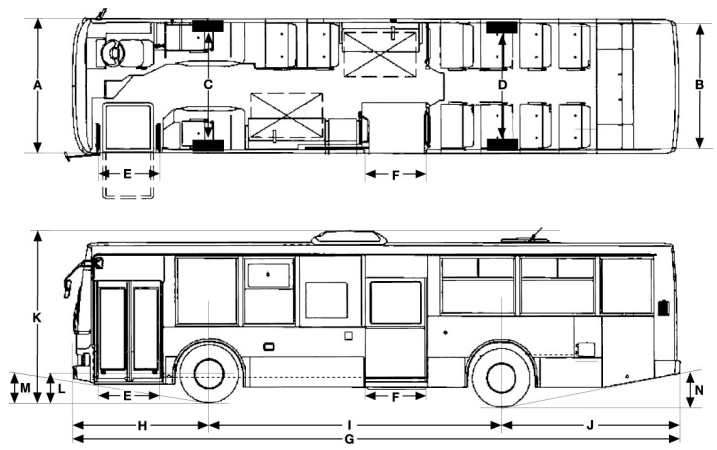
A - Width Overall Outside	2490
B - Width Overall Inside	2305
C - Width Front Track	2065
D - Width Rear Track	1815
E - Front Door Opening	1010
F - Rear Door Opening	1005
G - Length Overall	10510
H - Length Front Overhang	2460
I - Length Wheelbase	5300
J - Length Rear Overhang	3250
K - Height Overall	3120
L - Height Ground to Front Axle	135
M - Clearance Approach Angle (degrees)	7.9° Ramp Angles: 9.4°
N - Clearance Departure Angles (degrees)	8.3°

Body Builder's Notes

Notes

Chassis reinforcement must be utilised for Tipper/Demountable type body configurations. To conform with ADR 13/00 and 14/02 (lighting/mirror requirements) the following must be adhered to at body installation.

- If overall width exceeds 2.1 metres and other than flat type or tipper body is fitted, rear end-outline markers must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall length exceeds 7.5 metres and width exceeds 2.1 metres, side marker lamps must be installed.
- If overall width is less than 1.9 metres, the mirrors must be modified to project not more than 230mm. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.



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CONFIGURATION
63 People (34 seated + 29 standing)



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or visit fuso.com.au

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