

MP37 CITY BUS.

AUTO / LOW FLOOR / PROVEN TECHNOLOGY

People (Inc. driver)

61 OR 63

Length

**10.5M OR
11.0M**

Power/Torque

199KW/785NM

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



COMPLETE FACTORY BUS WITH 3 YEAR WARRANTY.

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FUSO

SPECIFICATIONS

MODEL

- A MP37 City Bus SWB Low Floor 6 Sp. AUTO (MP37FKFSRFAA)
 B MP37 City Bus MWB Low Floor 6 Sp. AUTO (MP37FMFSRFAA)

LENGTH

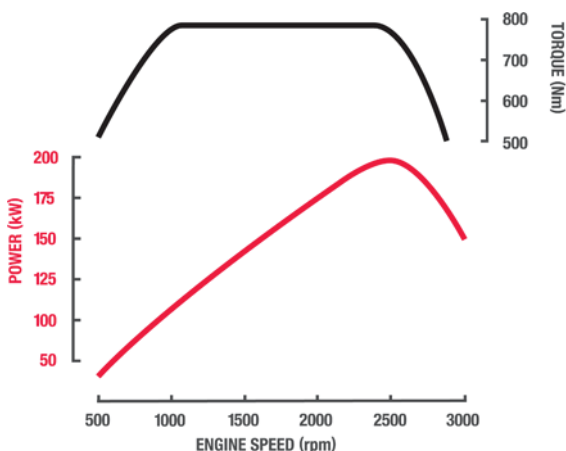
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CONFIGURATION

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 63 People (34 seated + 29 standing)

ENGINE

Engine Version	FUSO 6M60-T2 Diesel
Configuration	6 Cyl. In-line OHC, 4-Valve
Type	Variable Geometry Turbo Charged Air to Air Intercooler
Displacement	7.5 litre (7545cc)
Bore	118mm
Stroke	115mm
Power (ECE R85-00)	199kW @ 2500 rpm
Torque (ECE R85-00)	785Nm @ 1100-2400 rpm
Maximum Engine Speed	2900 rpm
Cooling System / Oil Cooler	Water cooled, 30.0L capacity/ Plate type engine oil cooler
Emission Control	Diesel Particulate Filter (DPF) Exhaust Gas Recirculation (EGR) Selective Catalytic Reduction (SCR)
Emission Level	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	DENSO Common Rail System Electronically Controlled Direct Injection
Fuel Capacity *	160 Litres
Filtration	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

ELECTRICAL

Voltage	24V Negative Earth
Alternator Capacity	24V-180 amp
Starter Capacity	24V-7.0kW
Battery Capacity	2x12V, 160Ah/5hr
Headlamp Capacity	2x55W/60W

TRANSMISSION

Version	Allison Automatic T310
Type/Speeds	6 Speed Without Retarder
Features	Oil Life Monitor Function Generation 5 Control Systems
Ratios	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

FRONT AXLE

Axle Version	FUSO F900B
Type	Reverse "I" Beam

FRONT SUSPENSION

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

REAR SUSPENSION

Type	Air Suspension
Details	Four Airbags, 4 Link with Double Acting Shock Absorber and Stabiliser Bar

MAX LOADING

Front	5200kg	
Rear	10000kg	
Total	A 14380kg	B 14880kg

STEERING

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

BRAKES

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

WHEELS & TYRES

Wheel Type	Steel Disc Rims
Wheel Size	22.5x7.5
Wheel Stud Pattern	10x335mm PCD ISO
Tyre Size All	275/70R22.5 148/145
Spare Tyre Carrier	Provided

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CHASSIS

Type	Compound Structure utilising Integrated Monocoque Design Rahmen Truss Structures
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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

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	A 5 Folding B 7 Folding
Trim	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	850mm between Wheel Arches
Spaces	A One B Two

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	Manual
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

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*	15,000km, 12 Months or 300 Hours (whichever occurs first)
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.

WARRANTY

Basic/Powertrain	3 Years, 200,000kms or 4,000 operating hours (whichever occurs first)
Cab Perforation/Anti Corrosion	3 Years

PERFORMANCE

Turning Circle (kerb to kerb)	A 16.3m B 17.9m
Electronically Speed Limited to: *	100 km/h 100 km/h
Engine Speed at 100km/hr (rpm)	2304 2304
Gradeability at Maximum Capacity **	21% 21%
Note:	* Conforms to ADR/65 ** This is a Theoretical Performance. Actual Performance May Vary Under Different Conditions).

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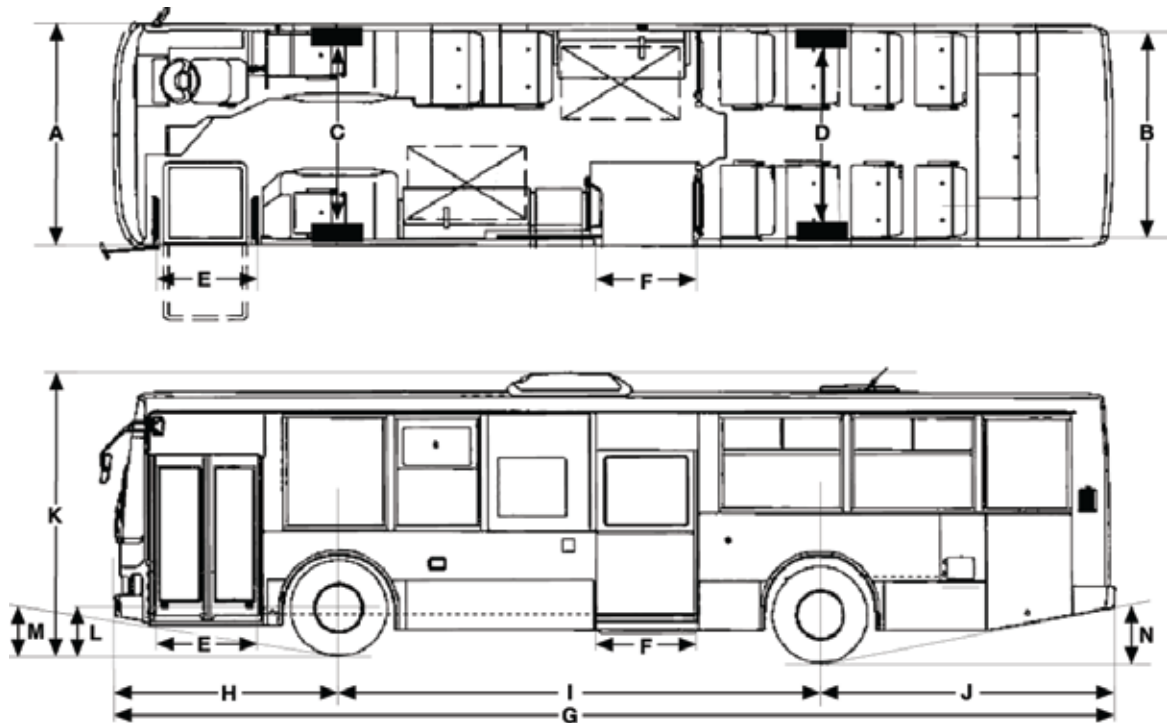
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MASS (ESTIMATED)*

	A	B
Total*	10350kg	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	B
A - Width Overall Outside	2490	2490
B - Width Overall Inside	2305	2305
C - Width Front Track	2065	2065
D - Width Rear Track	1815	1815
E - Front Door Opening	1010	1010
F - Rear Door Opening	1005	1005
G - Length Overall	11010	11010
H - Length Front Overhang	2460	2460
I - Length Wheelbase	4800	5300
J - Length Rear Overhang	3250	3250
K - Height Overall	3120	3120
L - Height Ground to Front Axle	135	135
M - Clearance Approach Angle (degrees)	7.8°	7.9°
N - Clearance Departure Angles (degrees)	8.4°	8.3°
	Ramp Angles: 10.2°	Ramp Angles: 9.4°



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