

# MP35 SCHOOL BUS.

AUTO / 11-12 ROWS / PROVEN TECHNOLOGY

People (Inc. driver)

**46 OR 50**

Length

**11.45M**

Power/Torque

**199KW/785NM**

Medium rigid licence required.  
Choose the type of seat and configuration fitted from the McConnell seat range.



**COMPLETE FACTORY BUS WITH 3 YEAR WARRANTY.**

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**FUSO**

# SPECIFICATIONS

## MODEL

MP35 School Bus 6 Sp. AUTO (MP35FPGRFAA)

## LENGTH

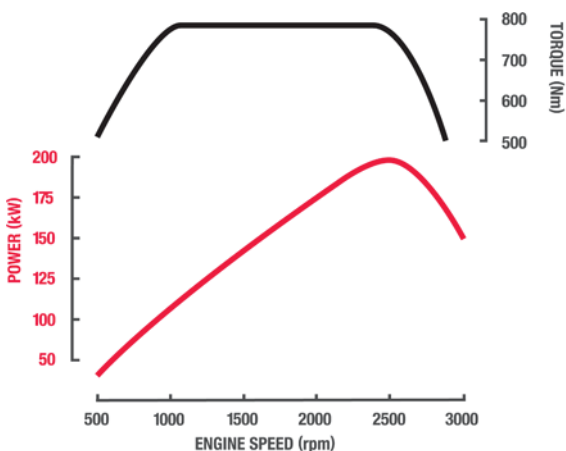
11.4M

## CONFIGURATION

46 - 50 People (11 or 12 rows)

### 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 well below Euro 5



### FUEL

Injection System	DENSO Common Rail System Electronically Controlled Direct Injection
Fuel Capacity *	300 Litres (2x150 Litre tanks)
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, 120Ah/5hr

### 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	TC419/2.02
Torque Ratio	

### FRONT AXLE

Axle Version	FUSO F900B
Type	Reverse "I" Beam

### FRONT SUSPENSION

Type	Two Airbags, 4 Link with Double Acting Shock Absorbers
Features	Increased Ride Height Function (+50mm below 20km/hr)

### REAR AXLE

Type	Full Floating Hypoid
Axle Version	FUSO R8BR/(D8H)
Ratio	6.66:1

### REAR SUSPENSION

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

### MAX LOADING

Front	5700kg
Rear	10800kg
Total	13970kg

### OPTIONS

Options	Std: 50 seats (12 rows of passenger seats) H46: 46 seats (11 rows of passenger seats) Note: Every Bus must be plated with the final number of seats at time of order and this number cannot be changed
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### 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
Size Front	410x160mm
Size Rear	410x220mm
Park Brake	Rear Wheel Spring Actuated
Auxiliary	Engine "Powertard" plus Exhaust Brake

### WHEELS & TYRES

Wheel Type	Steel Disc Rims (Spare Provided)
Wheel Size	22.5x7.5
Wheel Stud Pattern	10x335mm PCD ISO
Tyre Size All	11R22.5 148/145
Spare Tyre Carrier	Provided

### CHASSIS

Type	Compound Structure utilising Integrated Monocoque Design Rahmen Truss Structures
Rollover Strength	Approved to ADR59/00

# SPECIFICATIONS

## MODEL

MP35 School Bus 6 Sp. AUTO (MP35FPGRFAA)

## LENGTH

11.4M

## CONFIGURATION

46 - 50 People (11 or 12 rows)

### 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

### 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 1 x Internal for Passenger visibility
Communication Audio	PA System with Microphone, Internal Speakers AM/FM Radio with CD Player and 4 Speakers

### AIR CONDITIONING (SEPARATE UNIT)

Control	Manual
Type	Twin Compressors driven off Engine
Make	Denso Compressor, Condenser Evaporator & Receiver
Model	DDL-5CESE-518M
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

### PASSENGER ACCESS & SEATING

Passenger Door	2 Piece Inwards Folding Air Operated
Passenger Seats	The floor is designed to suit McConnell Seats with 3 point seat belts to comply with ADR68. Customers can choose the final seat spec and number of rows.
Internal Lights	Located overhead and on steps

### EXTERNAL UNDER BODY STORAGE BINS

No. of Bins	5
Bin Dimensions	1 LH & 1RH - 795mm(L) x 400mm(H) x 630mm(D) 1 LH & 1RH - 545mm(L) x 400mm (H) x 630mm(D) 1 LH - 1210mm(L) x 400mm(H) x 630mm(D)

### 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	Drivers Storage - Small Low Back Driver's seat for basic short distance driving Front Destination Sign Support - Preparation only, Fused Electrical Circuit provided Fluorescent Cabin Lamp and Interior Reading Lamps
Not Provided	Passenger Seats Cruise Control Driver's Sun Blind Destination Signs Damage Protection Under Body Skid Plates External Warnings - State Regulation based Signage &/or Flashing Lights

### 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

### ATM (TOWING CAPACITY)

Without Trailer Brakes	715kg
With Trailer Brakes	2000kg

### PERFORMANCE

Turning Circle (kerb to kerb)	19.8m
Electronically Speed Limited	100 km/h
to: *	
Engine Speed at 100km/hr (rpm)	2274
Gradeability at Maximum Capacity **	22%
Note:	* Conforms to ADR/65 ** This is a Theoretical Performance. Actual Performance May Vary Under Different Conditions).

### MASS (ESTIMATED)\*

Total*	Without Seats: 10050kg With Seats: 10720kg
Note:	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-) 12 rows of McConnell School Safe Seats used for mass calculation

# SPECIFICATIONS

## MODEL

MP35 School Bus 6 Sp. AUTO (MP35FPGRFAA)

## LENGTH

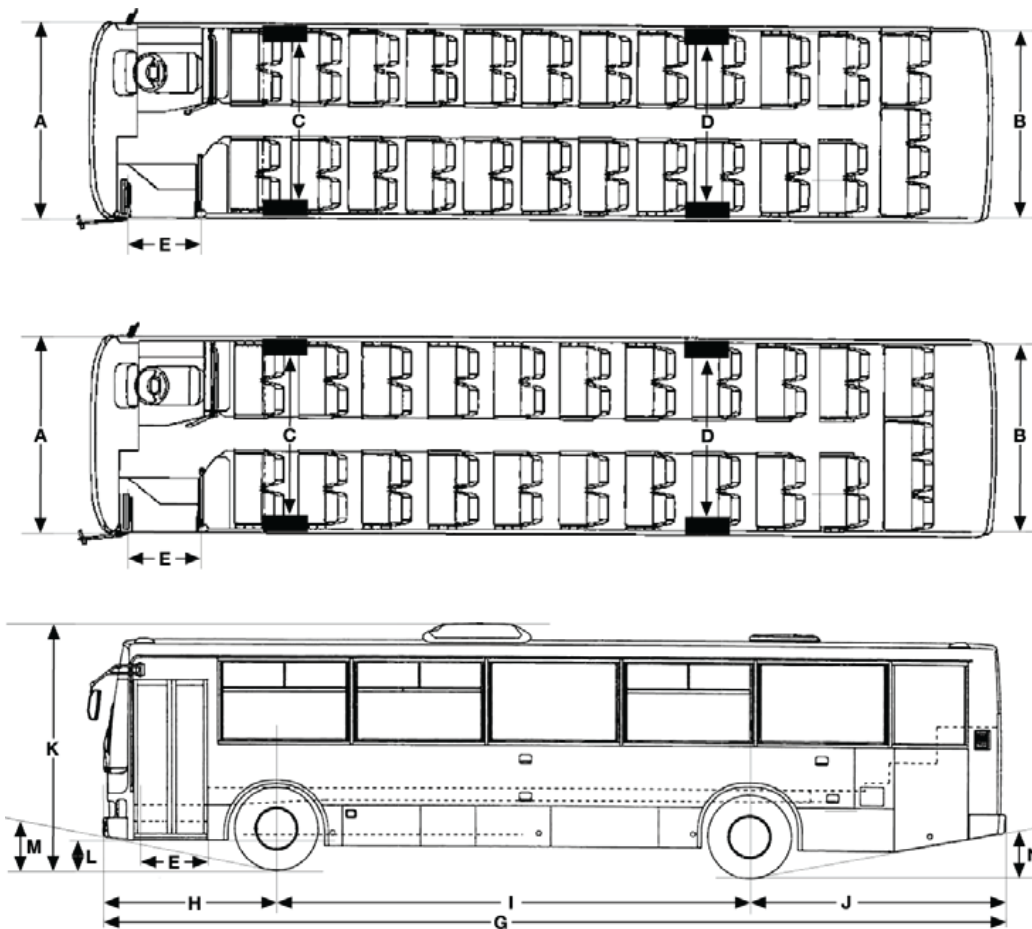
11.4M

## CONFIGURATION

46 - 50 People (11 or 12 rows)

### 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	765
G - Length Overall	11450
H - Length Front Overhang	2200
I - Length Wheelbase	6000
J - Length Rear Overhang	3250
K - Height Overall	3165
L - Height Ground to Front Axle	205
M - Clearance Approach Angle (degrees)	9.3 (10.6)°
N - Clearance Departure Angles (degrees)	9.1 (9.8)°



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# 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.**

[fuso.com.au](http://fuso.com.au)

**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

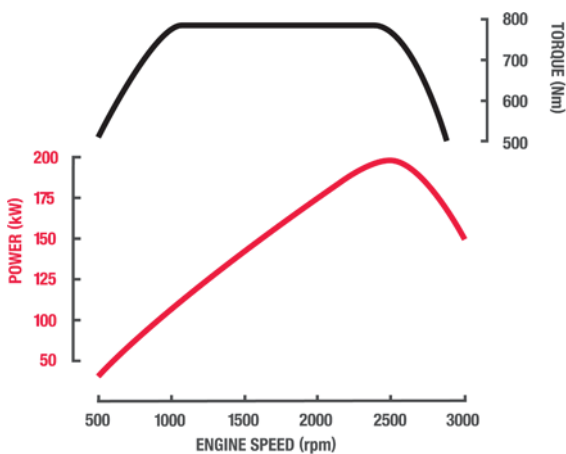
- 10.5M  
 11.0M

## CONFIGURATION

- 61 People (32 seated + 29 standing)  
 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

# 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

10.5M  
11.0M

## CONFIGURATION

61 People (32 seated + 29 standing)  
63 People (34 seated + 29 standing)

### 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	<b>A</b> 5 Folding <b>B</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	<b>A</b> One <b>B</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)	<b>A</b> 16.3m <b>B</b> 17.9m
Electronically Speed Limited to: *	100 km/h
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).

# 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

- 10.5M
- 11.0M

## CONFIGURATION

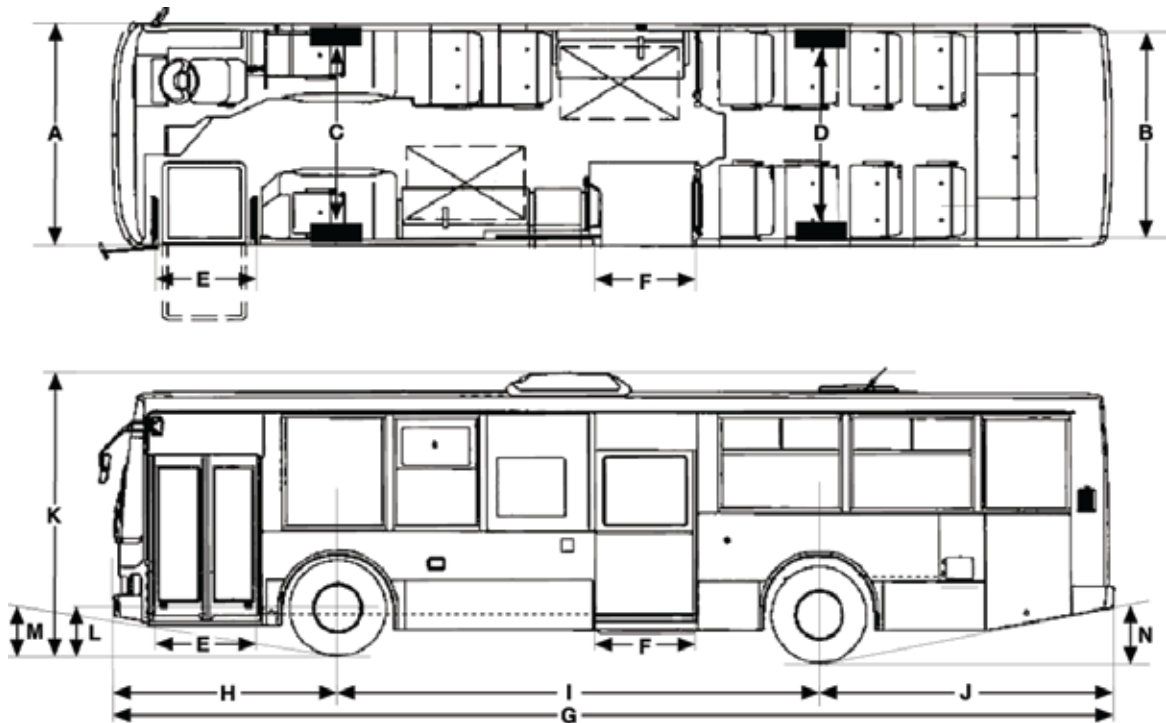
- 61 People (32 seated + 29 standing)
- 63 People (34 seated + 29 standing)

### 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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