

# SCHOOL BUS



## MP35 School Bus.

Auto / 11-12 Rows / Proven Technology



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

**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.



# SPECIFICATIONS



# SCHOOL BUS

## MODEL

MP35 School Bus 6 Sp. AUTO (MP35FPGRFAA)

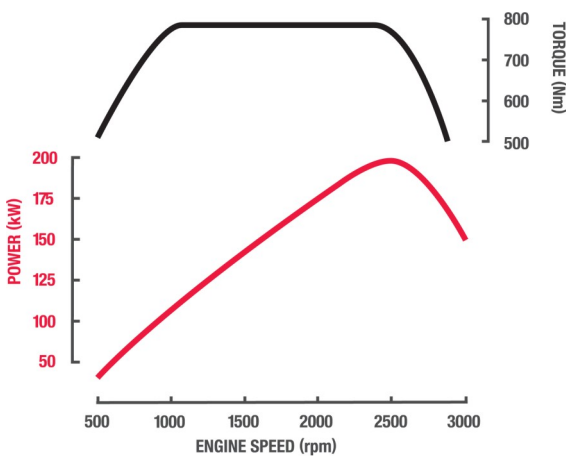
## LENGTH

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



## Idle Stop Start (ISS) Technology

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

## Cooling

## Electrical

Voltage	24V Negative Earth
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 Ratio	TC419/2.02

## 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 before delivery 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	22.5x7.50-162-13t
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

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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	
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Doors & Passenger Rails	
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Wheelchair Access	
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Driver Comfort & Features	
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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	PA System with Microphone, Internal Speakers
Audio	AM/FM Radio with CD Player and 4 Speakers

Air Conditioning (Separate Unit)	
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Control	Full Auto
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)	
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Make	Mikuni Corp Japan
Type	Twin Heater System run off Engine Water Pump
Capacity Front	7050W
Capacity Rear	5600W

Passenger Access & Seating	
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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	
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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*	
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*	* 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	
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Interval*	15,000km or 12 Months (whichever occurs first)
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.

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

ATM (towing capacity)	
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Without Trailer Brakes	715kg
With Trailer Brakes	2000kg

Performance	
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Turning Circle (kerb to kerb)	19.8m
Electronically Speed Limited to: *	100 km/hr
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)*	
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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

Dimensions (mm)	
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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)°

Body Builder's Notes	
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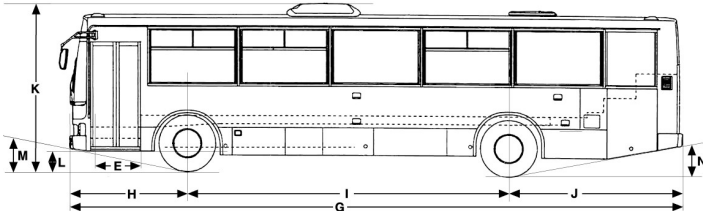
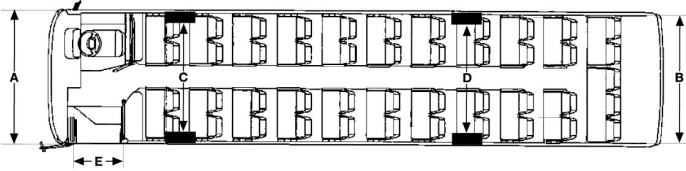
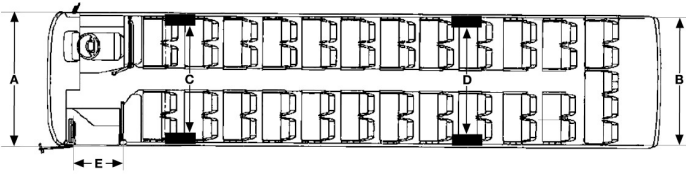
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