

SCHOOL BUS

**SPECIFICATION
SHEET**

UP TO 50 SEATS

COMPLETE FACTORY BUSES

MP35



12 ROWS & 50 SEATS OR 11 ROWS & 46 SEATS INCLUDING DRIVER



JAPANESE QUALITY BODY & CHASSIS
SIMPLE PROVEN TECHNOLOGY
1 STOP 3 YEAR WARRANTY
(EXCLUDING SEATS)



SPECIFICATIONS

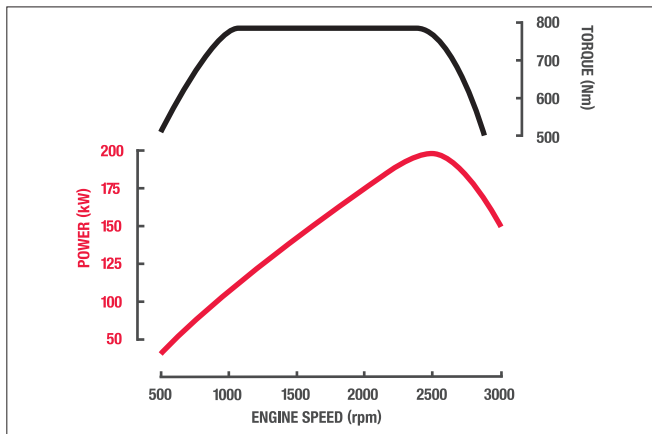
MODEL:
MP35FPGRFAA

WHEEL BASE
6000mm

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):	785Nm @ 1100-2400 rpm
Maximum Engine Speed:	2900 rpm
Emission Level:	Complies with ADR80/03 using JP09 JP09 pollutant levels well below Euro 5
Emission Control:	Diesel Particulate Filter (DPF) Exhaust Gas Recirculation (EGR) Selective Catalytic Reduction (SCR)



FUEL

Injection System:	DENSO Common Rail System
Fuel Tank:	300 Litres (2x150 Litre tanks) Max Fill to approx 96% of Air Capacity
Filtration:	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity:	40 Litres

ELECTRICAL

Voltage:	24V Negative Earth
Alternator Capacity:	24V-180 amp
Starter Capacity:	24V-7.0kW
Battery Capacity:	2x12V, 120Ah/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
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REAR AXLE

Mitsubishi FUSO R8BR/(D8H)

Type:	Full Floating Hypoid
Ratio:	6.66:1

STEERING

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

FRONT SUSPENSION (AIR)

Type:	Two Airbag 4 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.

PASSENGERS Seating:
 12 Rows with 50 Seats including Driver
 or
 11 Rows with 46 Seats including Driver

BRAKES

Type:	Air Over Hydraulic Dual Circuit Drum Auto Slack Adjusters, ABS
Size	- Front: 410x160mm - Rear: 410x220mm
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
Rollover Strength	Approved to ADR59/00

WHEELS & TYRES

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

OPTION

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

MASS (KG - ESTIMATED)*

Model	
MP35FPGSRFAA without seats	10050
MP35FPGSRFAA with seats	10720
Notes:	
12 Rows of McConnell School Safe Seats used for mass calculation	
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 UNIT)

Make:	Denso Compressor, Condenser Evaporator & Receiver
Model:	DDL-5CESE-518M
Type:	Twin Compressors driven off Engine
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 - Rear: 5600W

EXTERIOR

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

PASSENGER ENVIRONMENT

Passenger Door:	2 Piece Inwards Folding Air Operated
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

DRIVER ENVIRONMENT

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

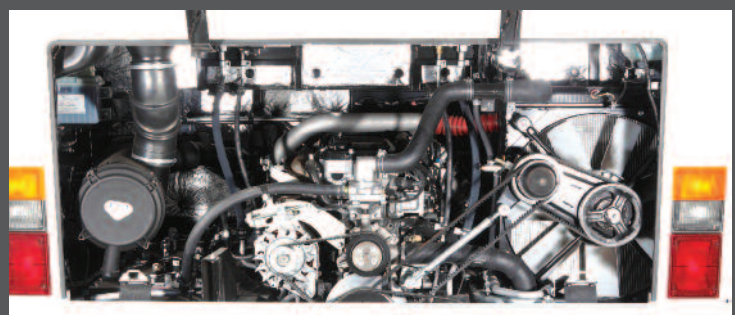
EXTERNAL UNDER BODY STORAGE BINS

5 Bins:	Length x Height x Depth
1 LH & 1RH	795mm x 400mm x 630mm
1 LH & 1RH	545mm x 400mm x 630mm
1 LH	1210mm x 400mm x 630mm

Model	MAX. AXLE LOADING		
	Front	Rear	Total
MP35FP	5700kg	10800kg	13970kg



Fuso have designed the bus to suit Australian made McConnell Seats. Customers can select the final seat specification from the quality McConnell Seat Range. The SchoolSafe and Educator seats are shown above.



Simple and tidy engine installation and compartment for ease of servicing & 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

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

15,000km Intervals or 12 Months

DIMENSIONS (MM)

Wb = Wheel Base

Width	A Overall Outside:	2490
	B Overall Inside:	2305
	C Front Track:	2065
	D Rear Track:	1815
	E Front Door Opening:	765
Length	G Overall:	11450
	H Front Overhang:	2200
	I Wheelbase:	6000
	J Rear Overhang:	3250
Height	K Overall:	3165
	L Ground to Front Axle:	205
Clearance	M Approach Angle:	9.3 (10.6)°
	N Departure Angles:	9.1 (9.8)°
	Turning Circle (kerb to kerb):	19.8m

PERFORMANCE - (CALCULATED-PAVED ROAD)

Electronically Speed Limited to (km/h):	*100
Engine Speed at 100km/hr (rpm):	2274
Gradeability** at Maximum Capacity:	22%

* Conforms to ADR65/..

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

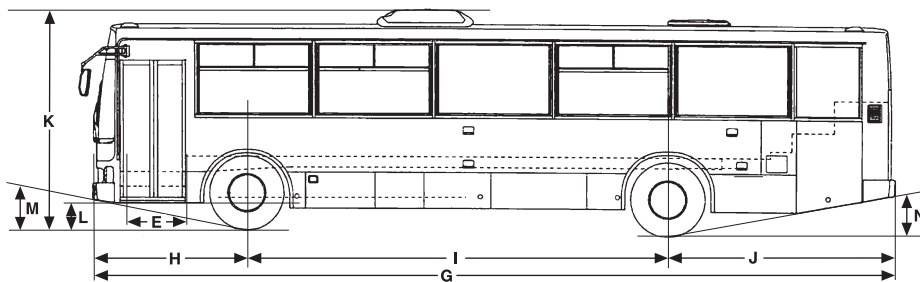
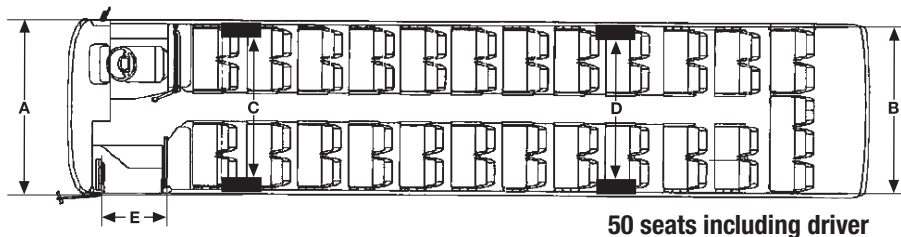
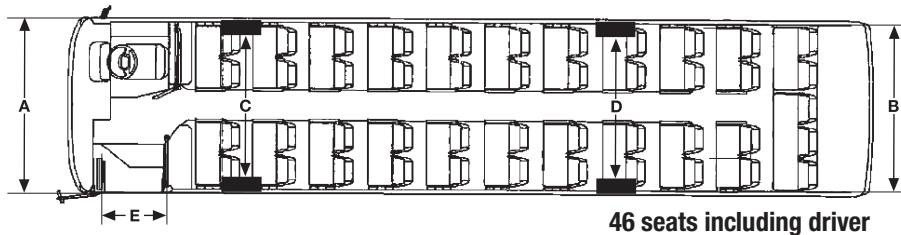
WARRANTY

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

