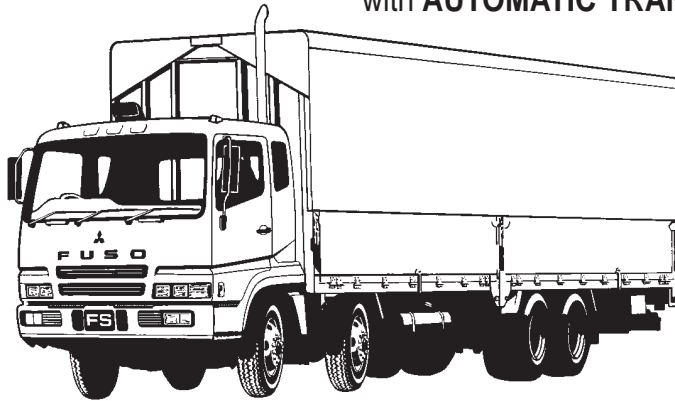


# FS 8x4 SERIES

**FS52J**  
257kW

with **AUTOMATIC TRANSMISSION**



**FUSO**

**MODEL** FS52JS2RFAA **lwb** **W/Base** 5870mm **GVM** 30800kg **GCM** 30800kg

## ENGINE

**Mitsubishi 6M70-1AT2 Diesel (ADR80/00)**  
 Configuration: 6 Cyl. In-line OHC, 4 Valve  
 Type: Turbocharged with Air to Air Intercooler and Common Rail Fuel System  
 Displacement: 12882cc  
 Bore: 135mm  
 Stroke: 150mm  
 Power (ECE R85-00): 257kW @ 2200 rpm  
 Torque (ECE R85-00): 1520Nm @ 1200 rpm  
 Maximum Engine Speed: 2300 rpm  
 Compression Ratio: 17.5:1  
 Oil Cooler: Plate Type, Water Cooled

## FUEL

Injection System: BOSCH Common Rail System  
 Governor: Electronic, Speed Limited to 100 km/h  
 Controls: Key Operated Start/Fuel Engine Idle Emergency Stop  
**Cruise Control** (range 40-100 km/h)  
 Filtration: Main Filter and Water Separator  
 Tank Type: Rectangular Aluminium  
 Fuel Capacity: 300 Litres  
 Air Cleaner: Dual Element Dry Paper Type with Vertical Intake and Air Restriction Indicator

## COOLING

Fan: 700mm dia. 8 Blades  
 Fan Drive: Thermo Modulated  
 Radiator: Corrugated Fin with Expansion Tank

## ELECTRICAL

Voltage: 24V Negative Earth  
 Alternator Capacity: 24V-50 amp  
 Starter Capacity: 24V-5.5kW  
 Battery Capacity: 2x12V, 150Ah/20hr  
 Headlamp - Type: Rectangular Quartz Halogen  
 - Capacity: Low Beam 2x70W High Beam 2x75W, 2x70W

## TRANSMISSION (auto)

**Allison HD4060P**  
 No. of Speeds: 6  
 Control: Push Button Electronic with Service Brake Interlock and Exhaust Brake Interface  
 Oil Cooler: Oil to Water  
 Torque Converter: TC541-1.90 with Lockup Clutch  
 Ratios - 1st: 3.510  
 - 2nd: 1.906  
 - 3rd: 1.429  
 - 4th: 1.000  
 - 5th: 0.737  
 - 6th: 0.639  
 - Rev: 4.801  
 PTO Opening: LH & RH Top, Engine Driven

## PROPELLER SHAFT

Type: P140/P10  
 Universal Joint: Needle Roller

## FRONT AXLE

**Mitsubishi F090T**  
 Type: 2 x Reverse Elliot 'I' Beam  
 Capacity - Axle: 13000kg (6500kg ea.)  
 Max. Load Rating at Ground: 12000kg (std tyres)  
 13000 kg (295/80R22.5 ref. tyre placard)

## REAR AXLE

**Mitsubishi R10TT/10T, D10HT/10H**  
 Type: Full Floating Hypoid, Tandem Drive with Inter-Axle Diff Lock  
 Capacity - Axle: 21600kg  
 Max. Load Rating at Ground: 21600kg  
 Ratio: 6.166:1

## STEERING

Type: Integral Power Assisted Ball and Nut  
 Ratio: 22.76:1  
 Steering Wheel: 480mm Urethane  
 Steering Column: Tilt/Telescopic Adjustable with Lock

## BRAKES

Type: Full Air, Dual Circuit, Mitsubishi Taper Roller with Automatic Brake Adjustment  
 Size - Front: 410x150mm  
 - Rear: 410x200mm  
 Lining - Area/Swept: Asbestos Free -11640/18040cm<sup>2</sup>  
 Park Brake: Rear Wheel Spring Actuated  
 Auxiliary: Exhaust Brake  
 Compressor: Water Cooled, 340cc Single Cyl.  
 Air Dryer Model: DR2

## FRONT SUSPENSION

Type: Load Sharing with Long Taper Leaf to 1st Axle and Parabolic Leaf to 2nd Axle  
 Size: 1500x90x23mm-3 Leaves  
 Capacity at Ground: 3300kg ea.  
 Shock Absorbers: Double Acting

## REAR SUSPENSION

Type: Long Taper Leaf, 6 Rod Trunnion  
 Size: 1320x90x30mm-5 Leaves  
 Capacity at Ground: 11000kg ea.

## CHASSIS

Type: Reinforced Parallel Channel  
 Size: 300x90x7.0mm  
 Width: 840mm  
 Tensile Strength: 55kg/mm<sup>2</sup>

## WHEELS & TYRES

Wheel - Type: 13, Single Piece Disc  
 - Size: 22.5x8.25DC-165-12t  
 - Stud Pattern: 10x335mm PCD  
 Tyre - Size: 11R22.5 148/145L  
 Spare Tyre Carrier: Provided

## MASS (kg - estimated)

Model	Front	Rear	Total
FS52JS2RFAA	5485	2905	8390

Note: Mass (est.) includes oil and water but excludes spare wheel, tools and fuel.

## CAB FEATURES

### All Steel Forward Control

Type:	Elec/Hyd. Tilt 50 deg.
Mounting:	Coil Suspension, 4 Point
Colour:	Natural White
Interior:	Fully Trimmed
Windscreens:	Laminated Tinted
Windscreens Wipers:	2 Speed - Intermittent Cycle
Rear Vision Mirrors:	RH. Heated LH. Remote/Heated with Convex Spotter
Seating Capacity:	3
Seat Belts:	2 ELR Lap Sash, 1 Lap
Seats	<u>Driver:</u> - Air Suspension with Auto Levelling Height Control - 32 Stage Reclining - 15 Stage Sliding - Front and Rear Height Adjuster - Lumbar Support - Headrest and Fabric Trim <u>LH:</u> - 2 Passenger Bench Type - LH Headrest and Fabric Trim

## INSTRUMENTS

### Gauges:

- Speedometer with Odometer and Tripmeter
- Tachometer
- Air Pressure (2)
- Fuel Level
- Water Temperature
- Digital Clock

### Warning Lamps:

- Turn Signal
- High Beam
- Exhaust Brake
- Park Brake
- Alternator
- Oil Filter Blockage
- Engine/Cruise Control (ECU)
- Air Filter Restriction
- Transmission Oil Temperature
- Door

### Warning Lamp/Buzzer:

- Air Pressure/Brake Dual Circuit
- Oil Pressure
- Engine Overheat/Low Coolant Level
- Engine Overrun
- Cab Tilt

## STANDARD EQUIPMENT

- Electric Windows and Central Locking
- Door Side Impact Beams
- Tinted Side and Rear Glass
- **Auto 'Climate Contol' Air Conditioner**
- AM/FM ETR Radio with Cassette and CD Player
- Centre Storage Console
- LH Seat Storage Tray
- LH/RH Overhead Storage Pocket with Lid
- Cup Holder
- Opening Rear Quarter Windows
- Interior Sun Visors
- Fluorescent Cabin Lamp with Dash Control
- Windscreen Washers
- Hazard Warning Lamps
- Front End-Outline Marker Lamps
- QH Fog Lamps
- Cigar Lighter
- Roof Mounting Points (max. static load 50kg)
- Dual Air Horns
- Reverse Warning Buzzer
- Wheel Changing Tools
- Vertical Exhaust Outlet
- Stainless Steel Mufflershield
- Chrome Exhaust Tailpipe

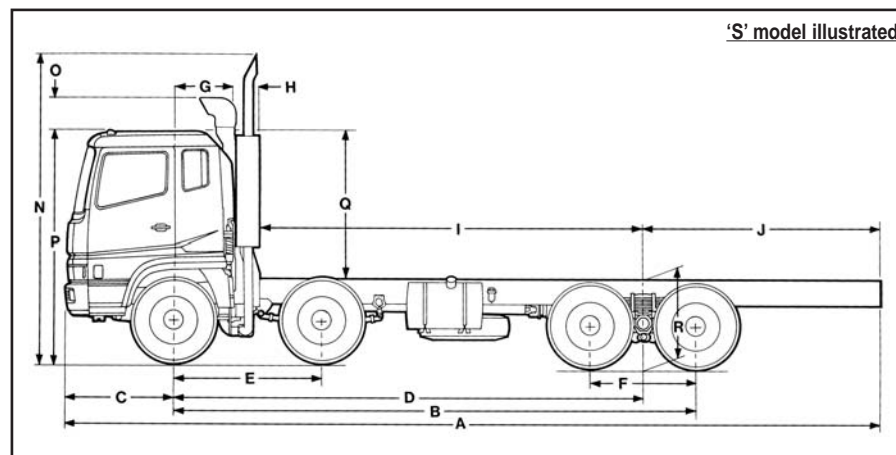
## DIMENSIONS (mm)

		FS52JS 2RFAA
Width	Front Fender:	2490
	Rear Axle:	2460
Length	Front Track:	2045
	Rear Track:	1845
	Frame:	840
	A Overall:	10140
	B Extreme Axle Spacing:	6530
	C Front Overhang:	1370
Height	D Wheelbase:	5870
	E Front Axle Spacing:	1860
	F Rear Axle Spacing:	1320
	G Front Axle to Rear of Cab:	770
	H Rear of Cab to Vertical Exhaust:	292
	I Frame, Exhaust to Rear Axle:	4808
	J Frame, Rear Axle to End:	2900
	N Overall:	3785
	O Air Intake to Cab Roof:	360
	P Cab to Ground:	2935
	Q Cab to Frame:	1900
	R Rear Frame to Ground:	1060
	Ground Clearance:	250

## PERFORMANCE (Calculated - Paved Road)

Electronically Speed Limited to (km/h):	*100
Gradeability at Rated GVM:	34.1%
Gradeability at Rated GCM:	34.1%
Turning Circle (kerb to kerb):	20.0m

\*Conforms to ADR 65/..



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

- Reflective rear marker plates must be installed.
- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall length exceeds 7.5 metres, side marker lamps must be installed.