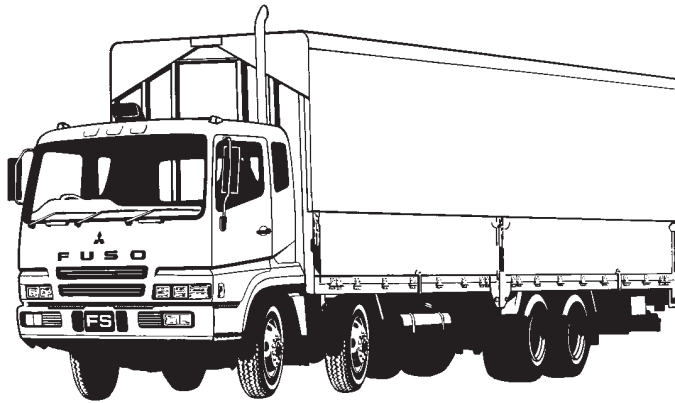


FS 8x4 SERIES

FS52J
302kW



FUSO

MODEL
FS52JS4RFAA **lwb** **W/Base**
5870mm **GVM**
30800kg **GCM**
53000kg

ENGINE

Mitsubishi 6M70-1AT4 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): 302kW @ 2200 rpm
Torque (ECE R85-00): 1765Nm @ 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: 400 Litres
Air Cleaner: Dual Element Dry Paper Type with
Vertical Intake and Air Restriction Indicator

COOLING

Fan: 720mm dia. 10 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

CLUTCH

Mitsubishi C14W40T
Disc Diameter: 400mm
Type: Twin Dry Plate
Operation: Air Assisted Hydraulic
Facing - Area: Asbestos Free - 3064cm²

TRANSMISSION

Fuller RTLO-16918B
No. of Speeds: 18
Brake Type: Countershaft
Oil Cooler: Oil to Air
Gear - Range: Low High
- Splitter: Low High
Ratios - Low: Low High
- 1st: 8.56 7.30 2.29 1.95
- 2nd: 6.05 5.16 1.62 1.38
- 3rd: 4.38 3.74 1.17 1.00
- 4th: 3.20 2.73 0.86 0.73
- Rev. 15.06 12.85 4.03 3.43
PTO Opening: Lower Transmission

PROPELLER SHAFT

Type: P151/P12
Universal Joint: Needle Roller

FRONT AXLE

Mitsubishi F090T
Type: 2 x Reverse Elliot '1' 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: 4.625:1

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 -11640/18040cm²
Park Brake: Rear Wheel Spring Actuated
Auxiliary: 'Powertard' Engine Brake
Trailer: Hand Control Valve, Air Lines
and Electrical Cord
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/mm²

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

OPTIONAL EQUIPMENT

R11: Engine Flywheel PTO
Max. Output Torque, 441Nm
Drive Ratio, 1.00:1
Rotation, Opposite to Engine

MASS (kg - estimated)

Model	Front	Rear	Total
FS52JS4RFAA	5515	2920	8435

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
- Engine Brake
- Park Brake
- Trailer Brake
- Alternator
- Oil Filter Blockage
- Engine/Cruise Control (ECU)
- Air Filter Restriction
- 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

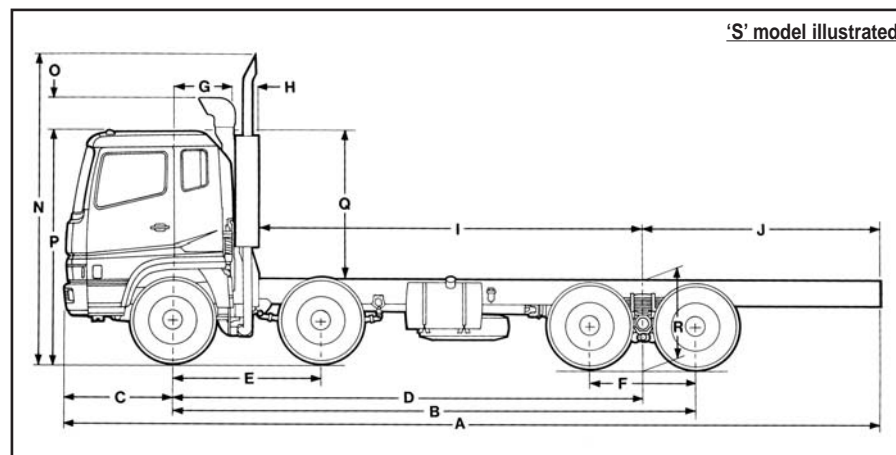
DIMENSIONS (mm)

		FS52JS 4RFAA
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:	92.7%
Gradeability at Rated GCM:	42.5%
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.