

# FUSO SHOGUN

## Shogun FV74 6X4 - MY21

12.8 L / AMT / AIR SUSP. / MWB



**OUR SAFEST AND CLEANEST SHOGUN YET. THE MY21 SHOGUN IS EQUIPPED WITH ABA5, PD, LDWS, ESP, AAA, IHC, DRL AND A EURO VI STEP D ENGINE. ALL BACKED BY OUR CLASS LEADING SERVICE INTERVALS AND 5 YEAR WARRANTY.**

**GVM**

**26,000<sub>KG</sub>**

**GCM**

**63,000<sub>KG</sub>**

**Power/Torque**

**375<sub>KW</sub> / 2500<sub>NM</sub>**

- Heavy rigid licence required
- Actual vehicle may differ from above image

# SHOGUN SPECIFICATIONS

## MODEL

6X4 FV74 510HP AIR SUSP. MWB 12 SP. AMT FV74VK9VFAA-MY21

## WHEEL BASE

4300mm

## GVM

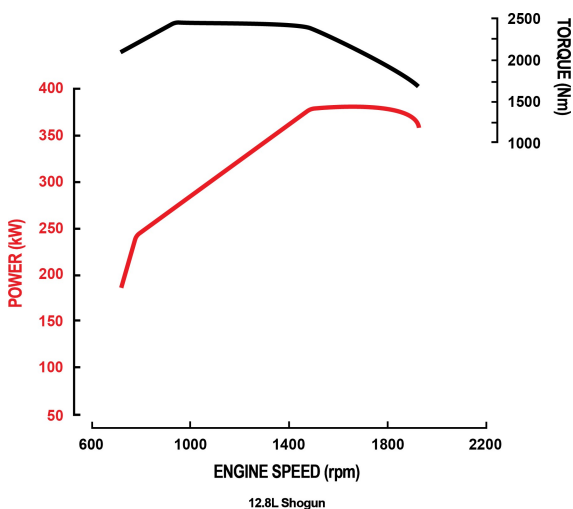
26,000kg

## GCM

63,000kg

### Engine

Engine Version	FUSO OM471-T9 Diesel
Configuration	6 Cyl. In-line DOHC, 4-Valve
Injection System	Common Rail Direct Injection with Pressure Booster
Type	Asymmetric Turbocharger, Air to Air Intercooler
Displacement	12.8 litre 12809 cc
Bore	132 mm
Stroke	156 mm
Power (DIN)	375kW @ 1600 rpm
Torque (DIN)	2500 Nm @ 1100 rpm
Maximum Engine Speed	2100 rpm
Compression Ratio	18.3 : 1
Emission Control	Diesel Particulate Filter (DPF) plus SCR After-Treatment System
Emission Level	ADR 80/04 - Euro VI



### Fuel

Tank Type	Rectangular Aluminium Tank with Locking Cap
Fuel Capacity *	400 Litres
Filtration	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity	60 Litres, Tank fitted with locking AdBlue cap
Speed Limiter	Speed Limited 100km/h
Notes	*Max Fill to approx 95% of capacity

### Cooling

Fan Drive	Electronically controlled (Viscous)
Radiator	Corrugated Fin with Expansion Tank

### Electrical

Voltage	24V Negative Ground
Battery Capacity	2x12V, 150Ah/20hr
Battery Specification	2x145G51 (N150)
Headlamp Type	Automatic Type Low Beam: LED High Beam: Halogen
Fog Light	Halogen
Daytime Running Lamps	LED

### Clutch

Clutch Model	FUSO K7/2X400
Type	Twin Dry Plate
Operation/Specification	Automated Manual (no clutch pedal)

### Transmission

Version	FUSO Automated Manual G330-12
Type/Speeds	12 Speed Automated Manual with Auto, Economy and Heavy Modes
Features	Crawler Mode Rocking-Free Mode Skip Shift Function for Light Loads
Ratios	1st: 11.639 2nd: 9.020 3rd: 7.035 4th: 5.452 5th: 4.400 6th: 3.410 7th: 2.645 8th: 2.050 9th: 1.599 10th: 1.239 11th: 1.000 12th: 0.775 RHigh: 9.900 RLow: 11.639
PTO Opening	Rear of Transmission

### Propeller Shaft

Type	Single Main Shaft GW5E2200 Inter-axle Shaft P12
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### Front Axle

Axle Version	FUSO F900T
Type	Reverse Elliot 'I' Beam
Capacity *	7100kg
Notes	*See MAX LOADING for vehicle capacity.

### Front Suspension

Type	Long Taper Leaf with Double Acting Shock Absorbers
Size	1500x90mm Leaves

### Rear Axle

Type	Full Floating Hypoid Type Tandem Drive with differential cross locks between front & rear tandem axles Optional-Limited Slip Differential LSD on both axles.
Axle Version	FUSO R12TT/R12T
Capacity*	21600kg
Ratio	- Standard 4.222:1 - Optional 4.625:1

### Rear Suspension

Type	Two Bag Air Suspension
Details	Trailing Arm with Double Acting Shock Absorber and ECAS with 2 Memory Positions
Road Friendly Certification Number	RF2011

### Max Loading

Front	6500kg
Rear	21600kg
Total	26000kg

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Options		Instruments	
Options	<p>Q43: - Limited Slip Differential</p> <p>Q41: - 4.625:1 Rear Axle Ratio</p> <p>Q32: - Limited Slip Differential - 4.625:1 Rear Axle Ratio - Spare Tyre</p> <p>Q34: - Limited Slip Differential - Tyre Pressure Monitoring System - 4.625:1 Rear Axle Ratio - Spare Tyre</p>	Gauges	Speedometer Tachometer Fuel Level Air Pressure AdBlue Level
		Colour Information Display	Odometer Tripmeter (x2) Hour Meter (x2) Outside Temperature AdBlue Level DPF Information Driving Range (Fuel and AdBlue) Current Vehicle Speed Cruise Control Lane Departure Warning Active Attention Assist Warning Alarm Clock Level Control Service Indicator & Reminder System Air Pressure Coolant Temperature Engine Oil Level & Running Time
		Warning Lamps	ABS ASR ESP ESP Off Turn Signal Headlamps High Beam Hill Holder Auxiliary Brake Parking Brake Engine Over-speed Air Pressure Low Height Control Cab Tilt Lock DPF Regeneration DPF Status AdBlue Empty AdBlue Contamination Active Brake Assist
		Warning Lamp/Buzzer	Air Pressure Cab Tilt Engine Over-speed AdBlue Empty AdBlue Contamination
Steering		Multi-Media Package	
Type	Integral Ball and Nut	Satellite Navigation	GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included.
Steering Column	Tilt/Telescopic Adjustable	Colour Display	7 inch LCD with touch screen control
Brakes		Phone Connectivity	Bluetooth® hands free
Type	Full Air, Dual Circuit with FUSO Taper Rollers	Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB
Size Front	410x160mm	Camera Compatibility	Reverse camera (Factory Fitted) + 5 additional camera options #
Size Rear	410x200mm	Notes	# Cameras available through spare parts
Features	Brake Priority System		
Park Brake	Rear Wheel Spring Actuated		
Engine	Jacobs Brake 3 Levels of Retardation		
Trailer	Hand Control Valve, Air Lines Coupling and Electrical Cable		
Wheels & Tyres			
Wheel Type	10, Single Piece Alloy Disc		
Wheel Size	22.5x8.25		
Wheel Stud Pattern	10x335mm PCD		
Tyre Brand	Bridgestone		
Tyre Size Front	295/80R22.5 152/149		
Tyre Size Rear	11R22.5 148/145		
Tyre Size Spare	Optional - 295/80R22.5 152/149		
Chassis			
Type	Reinforced Parallel Channel		
Size	300x90x7.0 mm		
Width	840 mm		
Tensile Strength	540 MPa		

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### Standard Features

Cruise Control	Adaptive with Stop and Go
Hill Start System	Yes
Cab Cooling & Heating	Climate Control
Driving	Suspended Driver's Seat Premium Leather Steering Wheel Central Locking Electric Windows LH Transom Window Opening Rear Quarter Glass Cup Holder Fluorescent Cabin Lamp
Storage	Centre Storage Compartments (x3 Total, Lockable x1) Driver's Overhead Storage Door Storage Pockets Coat Hooks
Cab: External	Fog Lights Door Side Impact Beams Roof Mounting Points max. static load 70kg Front End-Outline Marker Lamps External PTO controls
Chassis	Integrated Front Underrun System (FUPS) Reverse Warning Buzzer Clear Top of Chassis Rail for ease of Body Fitment

### Active Safety

Safety Systems	ABA5 - Active Brake Assist 5 PD - Pedestrian Detection AAA - Active Attention Assist PCA - Proximity Control Assist Cruise Control LDWS - Lane Departure Warning System ESP - Electronic Stability Program ABS - Anti-lock Braking System ASR - Anti Slip Regulator LED Headlamps DRL - Daytime Running Lamps IHC - Intelligent Headlight Control
Reverse Warning	Wide Dynamic Range Camera and Buzzer
Notes	Active Safety Systems primary function is to provide driver assistance to increase road safety in events of driver inattentiveness. These systems do not allow for lack of attention whilst driving and should not replace safe and alert driving.

### Passive Safety

Airbags	SRS Airbag - Driver
Body Strength	ECE-R29 Cab Strength Compliant
Seat Belts - Driver & Driver Assistant	3 Point ELR Lap Sash, Driver Pre-Tensioner.

### Service Intervals

Interval*	50,000km or 12 Months (whichever occurs first)
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### Warranty\*

Basic/Powertrain	5 Years or 500,000kms (whichever occurs first)
Cab Perforation/Anti Corrosion	5 Years
Notes	* Please refer to Fuso Owners Warranty Booklet for additional terms and conditions.

### Performance

Turning Circle (kerb to kerb - metres)	15.2
Electronically Speed Limited to:	100km/hr Conforms to ADR65/00
Gradeability at Rated GVM (theoretical)*	88.9%
Gradeability at Rated GCM (theoretical)*	28.2%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions

### Mass estimated\*

Front*	4513kg
Rear*	3167kg
Total*	7680kg
Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)

### Dimensions mm

WFF (Width Front Fender) (mm)	2490
WRA (Width Rear Axle) (mm)	2485
WFT (Width Front Track) (mm)	2075
WRT (Width Rear Track) (mm)	1865
Width Frame (mm)	840
A - Length Overall (mm)	7640
B - Extreme Axle Spacing (mm)	4960
C - Front Overhang (mm)	1370
D - Wheelbase (mm)	4300
F - Rear Axle Spacing (mm)	1320
G - Front Axle to Rear of Cab (mm)	700
H - Rear of Cab to Rearmost Item Behind Cab (mm)	145
I - Rearmost Item Behind Cab to Rear Axle (mm)	3455
J - Frame, Rear Axle to End (mm)	1970
N - Height Overall (mm)	3300
O - Air Intake to Cab Roof (mm)	205
P - Height Cab to Ground (mm)	3095
Q - Height Cab to Frame (mm)	2090
R - Height Rear Frame to Ground (mm)	1027

### Body Builder's Notes

Notes	Chassis reinforcement must be utilised for Tipper/ Demountable type body configurations. To conform with ADR 13/00 (lighting requirements) the following must be adhered to at body installation. - 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. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.
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**WHEEL BASE**

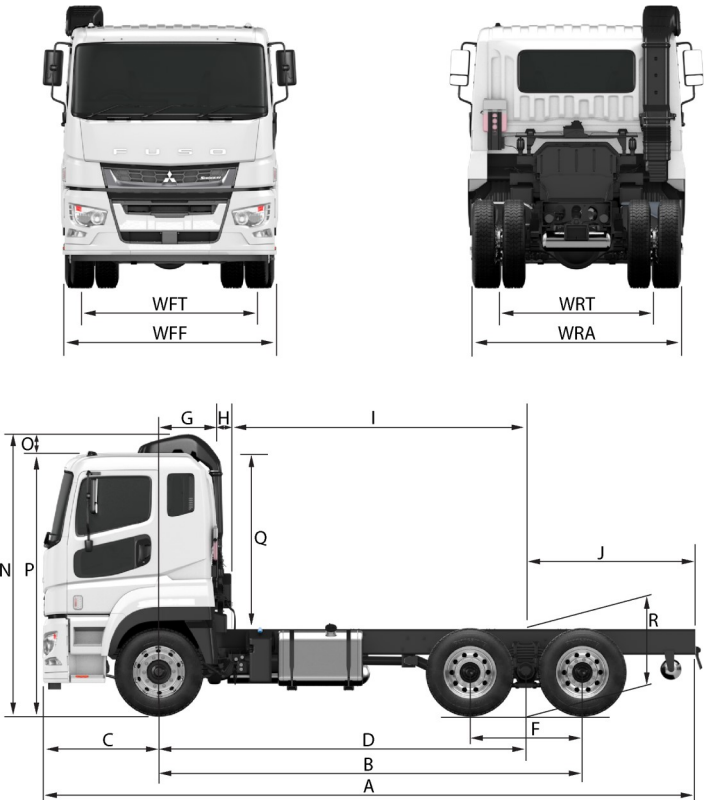
4300mm

**GVM**

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