

# SHOGUN

**FUSO**

## 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

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**FUSO**

**JOB DONE**



# SPECIFICATIONS



# SHOGUN

## MODEL

6x4 FV74 510Hp Air Susp. MWB 12 Sp. AMT FV74VK9VFAA-MY21

## WHEEL BASE

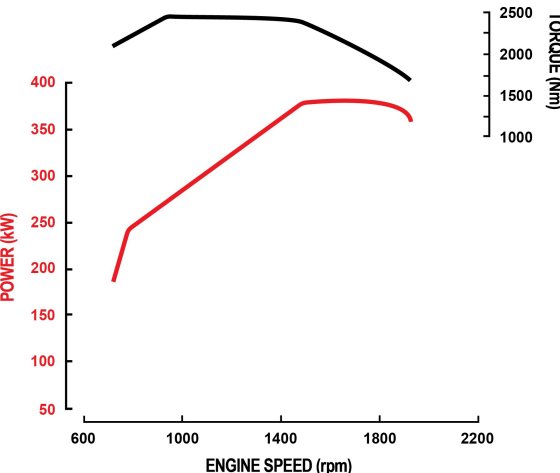
4300mm

## GVM (optional)

26,000kg

## GCM (optional)

63,000kg

Engine		Transmission	
Engine Version	FUSO OM471-T9 Diesel	Version	FUSO Automated Manual G330-12
Configuration	6 Cyl. In-line DOHC, 4-Valve	Type/Speeds	12 Speed Automated Manual with Auto, Economy and Heavy Modes
Type	Asymmetric Turbocharger, Air to Air Intercooler	Features	Crawler Mode Rocking-Free Mode Skip Shift Function for Light Loads
Displacement	12.8 litre 12809 cc	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: 12.774
Bore	132 mm	PTO Opening	Rear of Transmission
Stroke	156 mm	Propeller Shaft	
Power (DIN)	375kW @ 1600 rpm	Type	Single Main Shaft GW5E2200 Inter-axle Shaft P12
Torque (DIN)	2500 Nm @ 1100 rpm	Front Axle	
Maximum Engine Speed	2100 rpm	Axle Version	FUSO F900T
Compression Ratio	18.3 : 1	Type	Reverse Elliot 'I' Beam
Emission Control	Diesel Particulate Filter (DPF) plus SCR After-Treatment System	Capacity *	7100kg
Emission Level	ADR 80/03 - Euro VI	Notes	*See MAX LOADING for vehicle capacity.
		Front Suspension	
12.8L Shogun		Type	Long Taper Leaf with Double Acting Shock Absorbers
		Size	1500x90mm Leaves
Fuel		Rear Axle	
Injection System	Common Rail Direct Injection with Pressure Booster	Type	Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock Optional Limited Slip Differential LSD to both Axles
Tank Type	Rectangular Alloy Tank with Locking Cap	Axle Version	FUSO R12TT/R12T
Fuel Capacity *	400 Litres	Capacity*	21600kg
Filtration	Filter with Water Separator and Dash Indicator	Ratio	- Standard 4.222:1 - Optional 4.625:1
AdBlue Exhaust Fluid Capacity	60 Litres, Tank fitted with locking AdBlue cap	Rear Suspension	
Speed Limiter	Speed Limited 100km/h	Type	Four Bag Air Suspension
Notes	*Max Fill to approx 95% of Air Capacity	Details	Trailing Arm with Double Acting Shock Absorber and ECAS with 2 Memory Positions
Cooling		Road Friendly Certification Number	RF2011
Fan Drive	Electronically controlled (Viscous)	Max Loading	
Radiator	Corrugated Fin with Expansion Tank	Front	6500kg
Electrical		Rear	21600kg
Voltage	24V Negative Ground	Total	26000kg
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)		

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## WHEEL BASE

4300mm

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Options		Instruments	
Options	<div>Q43: - Limited Slip Differential</div> <div>Q41: - 4.625:1 Rear Axle Ratio</div> <div>Q32: - Limited Slip Differential - 4.625:1 Rear Axle Ratio - Spare Tyre</div> <div>Q34: - Limited Slip Differential - Tyre Pressure Monitoring System - 4.625:1 Rear Axle Ratio - Spare Tyre</div>	Gauges	<div>Speedometer</div> <div>Tachometer</div> <div>Fuel Level</div> <div>Air Pressure</div> <div>AdBlue Level</div>
		Colour Information Display	<div>Odometer</div> <div>Tripmeter (x2)</div> <div>Hour Meter (x2)</div> <div>Outside Temperature</div> <div>AdBlue Level</div> <div>DPF Information</div> <div>Driving Range (Fuel and AdBlue)</div> <div>Current Vehicle Speed</div> <div>Cruise Control</div> <div>Lane Departure Warning</div> <div>Active Attention Assist Warning</div> <div>Alarm Clock</div> <div>Level Control</div> <div>Service Indicator &amp; Reminder System</div> <div>Air Pressure</div> <div>Coolant Temperature</div> <div>Engine Oil Level &amp; Running Time</div>
		Warning Lamps	<div>ABS</div> <div>ASR</div> <div>ESP</div> <div>ESP Off</div> <div>Turn Signal</div> <div>Headlamps</div> <div>High Beam</div> <div>Hill Holder</div> <div>Auxiliary Brake</div> <div>Parking Brake</div> <div>Engine Over-speed</div> <div>Air Pressure Low</div> <div>Height Control</div> <div>Cab Tilt Lock</div> <div>DPF Regeneration</div> <div>DPF Status</div> <div>AdBlue Empty</div> <div>AdBlue Contamination</div> <div>Active Brake Assist</div>
		Warning Lamp/Buzzer	<div>Air Pressure</div> <div>Cab Tilt</div> <div>Engine Over-speed</div> <div>AdBlue Empty</div> <div>AdBlue Contamination</div>
Steering		Multi-Media Package	
Type	Integral Ball and Nut	Satellite Navigation	<div>Maps with heavy vehicle weight, length, height &amp; hazardous material selectable restrictions with 3 years of Map updates</div>
Steering Column	Tilt/Telescopic Adjustable	Colour Display	<div>7 inch LCD with touch screen control</div>
Brakes		Phone Connectivity	<div>Bluetooth® hands free</div>
Type	Full Air, Dual Circuit with FUSO Taper Rollers	Audio Visual Entertainment	<div>Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB &amp; 3.5mm/AUX port</div>
Size Front	410x150mm	Reversing Camera	<div>Display can accept up to 5 cameras#</div>
Size Rear	410x200mm	Compatible	
Features	Brake Priority System	Optional Accessories	<div>Rear Mounted Parking Sensor Kit High or Low</div>
Park Brake	Rear Wheel Spring Actuated	(available at additional cost)	<div>Tyre Pressure Monitoring System</div>
Engine	Jacobs Brake	Notes	<div># Cameras available through spare parts</div>
	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	22.5x8.25DC		
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		Performance	
Cruise Control	Adaptive with Stop and Go	Turning Circle (kerb to kerb - metres)	15.2
Hill Start System	Yes	Electronically Speed Limited to:	100km/hr
Cab Cooling & Heating	Climate Control	Gradeability at Rated GVM (theoretical)*	Conforms to ADR65/..
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	Gradeability at Rated GCM (theoretical)*	88.9%
Storage	Centre Storage Compartments (x3 Total, Lockable x1) Driver's Overhead Storage Door Storage Pockets Coat Hooks	Notes	28.2%
Cab: External	Fog Lights Door Side Impact Beams Roof Mounting Points (max. static load 70kg) Front End-Outline Marker Lamps	*This is theoretical performance only. Actual performance may vary under different conditions	
Chassis	Integrated Front Underrun System (FUPS) Reverse Warning Buzzer Clear Top of Chassis Rail for ease of Body Fitment		
Cab Features		Mass estimated*	
Type	All Steel Forward Control Elec / Hyd Tilt Cab	Front*	4513kg
Cab Structure	ECE-R29 Standard	Rear*	3167kg
Mounting	Air Suspended Front and Rear	Total*	7680kg
Colour	Natural White	Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)
Windscreen Wipers	Automatic 2 Speed + Intermittent Cycle with Integrated Washer Nozzles		
Rear Vision Mirrors	2 x External Flat Main Mirrors Plus Convex Spotters Motorised Main Mirrors, All Mirrors Heated		
Seating Capacity	2		
Seat Belts	2 x Lap Sash with ELR. Driver pre-tensioner		
Seats (passenger)	Single Fixed		
Sleeping	ADR42/04 Approved Sleeping Berth		
Active Safety		Dimensions mm	
Safety Systems	ABA5 - Active Brake Assist 5 PD - Pedestrian Detection AAA - Active Attention Assist PCA - Proximity Control Assist Cruise Control LWDS - 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	WFF (Width Front Fender) (mm)	2490
Reverse Warning	Wide Dynamic Range Camera and Buzzer	WRA (Width Rear Axle) (mm)	2485
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.	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
Passive Safety		Body Builder's Notes	
Airbags	SRS Airbag - Driver	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.
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)		
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.		
Warranty			
Basic/Powertrain	5 Years or 500,000kms (whichever occurs first)		
Cab Perforation/Anti Corrosion	5 Years		

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**WHEEL BASE**

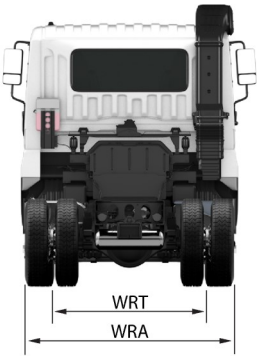
4300mm

**GVM (optional)**

26,000kg

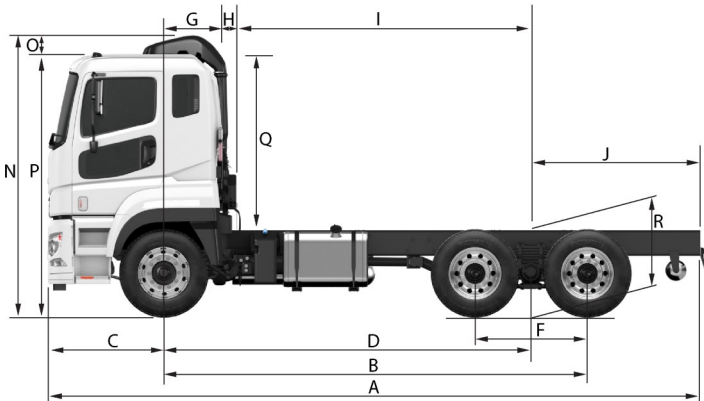
**GCM (optional)**

63,000kg



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