

SHOGUN

FUSO

Shogun FV74 6X4 - MY21

12.8L / AMT / AIR SUSP. / PRIME MOVER



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_{KG}

GCM

63,000_{KG}

Power/Torque

375_{KW} / 2500_{NM}

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

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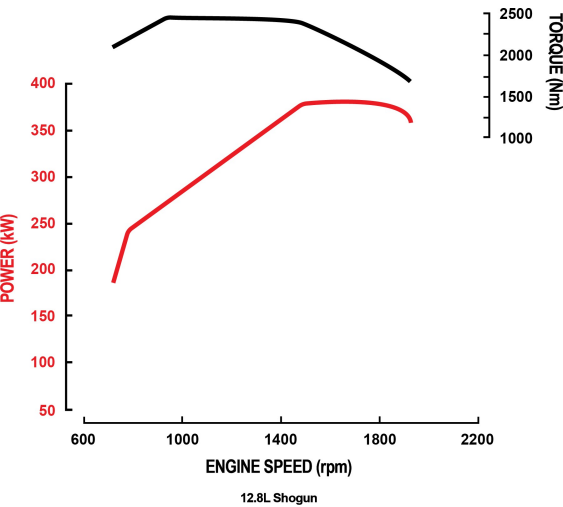
SPECIFICATIONS



MODEL	
A	6x4 FV74 510Hp Air Susp. Prime Mover 12 Sp. AMT FV74VJR9VFAA-MY21
B	6x4 FV74 510Hp Air Susp. High Roof Prime Mover 12 Sp. AMT FV74VJR9VFAB-MY21

WHEEL BASE	GVM (optional)	GCM (optional)
3910mm	26,000kg	63,000kg
3910mm	26,000kg	63,000kg

Engine	
Engine Version	FUSO OM471-T9 Diesel
Configuration	6 Cyl. In-line DOHC, 4-Valve
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 80/03 - Euro VI



Fuel	
Injection System	Common Rail Direct Injection with Pressure Booster
Tank Type	Rectangular Alloy 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 Air 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: 12.774
PTO Opening	Rear of Transmission

Propeller Shaft	
Type	Single Main Shaft GW5E2200 Inter-axle Shaft P12

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 Inter-Axle Diff Lock Optional Limited Slip Differential LSD to both Axles
Axle Version	FUSO R12TT/R12T
Capacity*	21600kg
Ratio	4.222:1
Notes	*See MAX LOADING for vehicle capacity.

Rear Suspension	
Type	Four 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

Options	
Options	Q45: - Limited Slip Differential - LSD Q46: - Tyre Pressure Monitoring System - TPMS

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Steering	
Type	Integral Ball and Nut
Steering Column	Tilt/Telescopic Adjustable

Brakes	
Type	Full Air, Dual Circuit with FUSO Taper Rollers
Size Front	410x150mm
Size Rear	410x200mm
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	22.5x8.25DC
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	Not Included

Chassis	
Type	Reinforced Parallel Channel
	Rear of Chassis Tapered to Suit Tractor
Size	300x90x7.0 mm
Width	840 mm
Tensile Strength	540 MPa

Instruments	
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

Multi-Media Package	
Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates
Colour Display	7 inch LCD with touch screen control
Phone Connectivity	Bluetooth® hands free
Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port
Reversing Camera Compatible	Display can accept up to 5 cameras#
Optional Accessories (available at additional cost)	Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System
Notes	# Cameras available through spare parts

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WHEEL BASE

- 3910mm
- 3910mm

GVM (optional)

- 26,000kg
- 26,000kg

GCM (optional)

- 63,000kg
- 63,000kg

Standard Features		Warranty	
Cruise Control	Adaptive with Stop and Go	Basic/Powertrain	5 Years or 500,000kms (whichever occurs first)
Hill Start System	Yes	Cab Perforation/Anti Corrosion	5 Years
Cab Cooling & Heating	Climate Control		
Accessory Power	24V Accessory Power Outlet (x2) plus Cigar Lighter		
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		
Chassis	Integrated Front Underrun System (FUPS) Reverse Warning Buzzer Clear Top of Chassis Rail for ease of Body Fitment		
Cab Features		Performance	
Type	All Steel Forward Control Elec / Hyd Tilt Cab	Turning Circle (kerb to kerb - metres)	13.2
Cab Structure	ECE-R29 Standard	Electronically Speed Limited to:	100km/hr Conforms to ADR65/..
Mounting	Air Suspended Front and Rear	Gradeability at Rated GVM (theoretical)*	76.2%
Colour	Natural White	Gradeability at Rated GCM (theoretical)*	25.5%
Windscreen Wipers	Automatic 2 Speed + Intermittent Cycle with Integrated Washer Nozzles	Notes	*This is theoretical performance only. Actual performance may vary under different conditions
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		
Seat (driver)	Air Suspension with Height, Tilt and Dampening Adjustment Integral Headrest and Fabric Trim		
Seats (passenger)	Single Fixed		
Sleeping	ADR42/04 Approved Sleeping Berth		
Active Safety		Mass estimated*	
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	Front*	A4542kg B4513kg
Reverse Warning	Wide Dynamic Range Camera and Buzzer	Rear*	A3028kg B3087kg
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.	Total*	A7570kg B7600kg
		Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)
Passive Safety		Dimensions mm	
Airbags	SRS Airbag - Driver	WFF (Width Front Fender) (mm)	2490
Seat Belts	Driver Seat Belt Pre-tensioner	WRA (Width Rear Axle) (mm)	2485
Body Strength	ECE-R29 Cab Strength Compliant	WFT (Width Front Track) (mm)	2075
Seat Belts - Driver & Driver Assistant	3 Point ELR Lap Sash, Driver Pre-Tensioner.	WRT (Width Rear Track) (mm)	1865
		Width Frame (mm)	840
		A - Length Overall (mm)	6740
		B - Extreme Axle Spacing (mm)	4570
		C - Front Overhang (mm)	1370
		D - Wheelbase (mm)	3910
		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)	3065
		J - Frame, Rear Axle to End (mm)	1460
		N - Height Overall (mm)	A3300 B3650
		O - Air Intake to Cab Roof (mm)	A205 B225
		P - Height Cab to Ground (mm)	A3095 B3425
		Q - Height Cab to Frame (mm)	A2090 B2420
		R - Height Rear Frame to Ground (mm)	1033
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.		

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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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