

# SHOGUN

FUSO

## Shogun FV74 6X4 - MY21

10.7L / 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

24,000 KG

GCM

63,000 KG

Power/Torque

335<sub>KW</sub> / 2200<sub>NM</sub>

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

FUSO

# SHOGUN SPECIFICATIONS

## MODEL

A	6x4 FV74 455Hp Air Susp. Std. Roof Prime Mover 12 Sp. AMT FV74HJR4VF4AA-MY21
B	6x4 FV74 455Hp Air Susp. High Roof Prime Mover 12 Sp. AMT FV74HJR4VF4AB-MY21

## WHEEL BASE

3910mm
3910mm

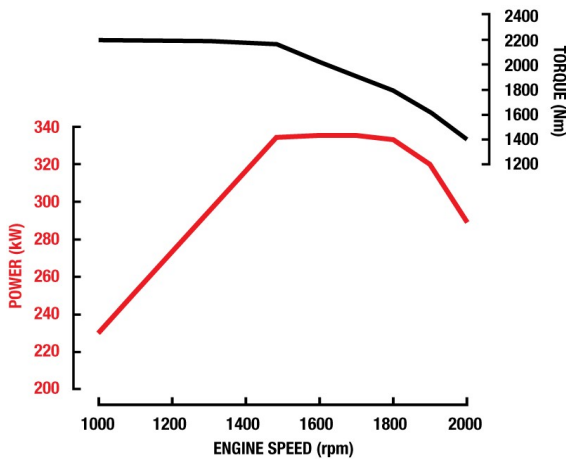
## GVM

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## GCM

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Engine	
Engine Version	FUSO OM470-T4 Diesel
Configuration	6 Cyl. In-line OHV
Type	Asymmetric Turbocharger, Air to Air Intercooler
Displacement	10.7 litre (10677 cc)
Bore	125 mm
Stroke	145 mm
Power (DIN)	335 kW (455 hp) @ 1600 rpm
Torque (DIN)	2200 Nm (1622 lb.ft) @ 1100 rpm
Maximum Engine Speed	2100 rpm
Compression Ratio	18.5:1
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
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 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 K4/430
Type	Single 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 Manual Modes
Features	Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage
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 Torque limited for 1st and Reverse
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 differential cross locks between front & rear tandem axles Optional-Limited Slip Differential LSD
Axle Version	FUSO R12TT/R12T
Capacity*	21600kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacity.

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	24000kg

Options	
Options	Q64: - Limited Slip Differential - LSD
	Q65: - 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	410x160mm
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	22.5x8.25
Wheel Stud Pattern	10x335mm PCD
Tyre Brand	Bridgestone
Tyre Size Front	295/80R22.5 152/149
Tyre Size Rear	11R22.5 148/145

### 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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### Standard Features

Cruise Control	Adaptive with Stop and Go
Hill Start System	Yes
Cab Cooling & Heating	Climate Control
Accessory Power	24V Accessory Power Outlet (x2) plus Cigar Lighter
Driving	Suspended Driver's Seat 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

### Cab Features

Type	All Steel Forward Control Elec / Hyd Tilt Cab
Cab Structure	ECE-R29 Standard
Mounting	Air Suspended Front and Rear
Colour	Natural White
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
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

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)
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

### Performance

Turning Circle (kerb to kerb - metres)	13.2
Electronically Speed Limited to:	100km/hr Conforms to ADR65/..
Gradeability at Rated GCM (theoretical)*	27%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions

### Mass estimated\*

Front*	A 4333kg	B 4393kg
Rear*	A 3072kg	B 3057kg
Total*	A 7405kg	B 7450kg
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)	2475	
WFT (Width Front Track) (mm)	2075	
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)	A 3300	B 3650
O - Air Intake to Cab Roof (mm)	A 205	B 225
P - Height Cab to Ground (mm)	A 3095	B 3425
Q - Height Cab to Frame (mm)	A 2090	B 2420
R - Height Rear Frame to Ground (mm)	1033	





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## WHEEL BASE

- 3910mm
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## GVM

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## GCM

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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.

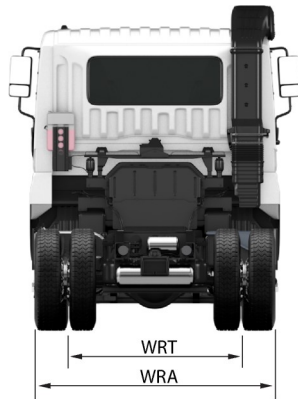
- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall length exceeds 7.5 metres, side marker lamps must be installed.

To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.



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