

# SHOGUN

**FUSO**

## Shogun FV74 6X4 - MY21

10.7L / AMT / AIR SUSP. / XLWB



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

**GVM**

**24,000<sub>KG</sub>**

**GCM**

**53,000<sub>KG</sub>**

**Power/Torque**

**290<sub>KW</sub> / 2000<sub>NM</sub>**

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

DAIMLER

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**FUSO**

**JOB DONE**



# SPECIFICATIONS



## MODEL

- A
- 6x4 FV74 395Hp Air Susp. XLWB 12 Sp. AMT FV74HT2VFAA-MY21
- B
- 6x4 FV74 395Hp Air Susp. Outrigger chassis XLWB 12 Sp. AMT FV74HTK2VFAA-MY21

## WHEEL BASE

- 6380mm
- 6380mm

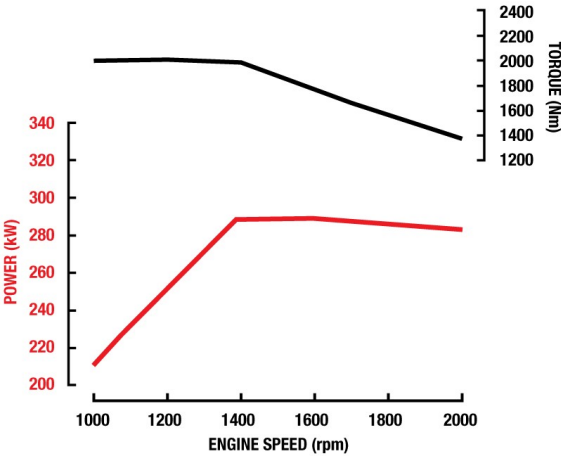
## GVM (optional)

- 24,000kg
- 24,000kg

## GCM (optional)

- 53,000kg
- 53,000kg

Engine	
Engine Version	FUSO OM470-T2 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)	290 kW (395 hp) @ 1600 rpm
Torque (DIN)	2000 Nm (1475 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 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 K4/430
Type	Single Dry Plate
Operation/Specification	Automated Manual (no clutch pedal)

Transmission	
Version	FUSO Automated Manual G230-12
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: 11.672 2nd: 9.101 3rd: 7.055 4th: 5.501 5th: 4.400 6th: 3.430 7th: 2.652 8th: 2.068 9th: 1.603 10th: 1.250 11th: 1.000 12th: 0.779 RHigh: 9.101 RLow: 11.672 Torque limited from 1st to 3rd and Reverse
PTO Opening	Rear of Transmission

Propeller Shaft	
Type	Two Main Shafts 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 Stabiliser Bar and 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 R10TT/R10T
Capacity*	21600kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacities

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	24000kg

# SPECIFICATIONS



MODEL			WHEEL BASE	GVM (optional)	GCM (optional)
A	6x4 FV74 395Hp Air Susp. XLWB 12 Sp. AMT FV74HT2VFAA-MY21		6380mm	24,000kg	53,000kg
B	6x4 FV74 395Hp Air Susp. Outtrigger chassis XLWB 12 Sp. AMT FV74HTK2VFAA-MY21		6380mm	24,000kg	53,000kg

Options		
Options	A	B
	Q60:	Q60:
	- Limited Slip	- Limited Slip
	Differential - LSD	Differential - LSD
	Q61:	Q62:
	- Tire Pressure Monitor	- Limited Slip
	System - TPMS	Differential - LSD
		- Engine Flywheel PTO
	Q62:	650N
	- Limited Slip	
	Differential - LSD	
	- Engine Flywheel PTO	
	650N	

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	11, Single Piece Alloy Disc (Including Spare)
Wheel Size	22.5x8.25DC
Wheel Stud Pattern	10x335mm PCD
Tyre Brand	Bridgestone
Tyre Size Front	295/80R22.5 152/148
Tyre Size Rear	11R22.5 148/145
Tyre Size Spare	295/80R22.5 152/148
Spare Tyre Carrier	Not Provided

Chassis	
Type	Reinforced Parallel Channel
Size	300x90x7.0 mm
Width	840 mm
Tensile Strength	540 MPa
Note	Outtrigger chassis - Exh, Air dryer and AdBlue tank located 700mm rearward of the cab to allow space for front mounted crane.

Instruments	
Gauges	Speedometer
	Tachometer
	Fuel Level
	Air Pressure
	AdBlue Level
	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
	Air Pressure
Warning Lamp/Buzzer	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	Display can accept up to 5 cameras#
Compatible	
Optional Accessories	Rear Mounted Parking Sensor Kit High or Low
(available at additional cost)	Tyre Pressure Monitoring System
Notes	# Cameras available through spare parts

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 Trailer Package including Trailer 'Stretch Brake'
Storage	Centre Storage Compartment, Driver's Overhead Storage, Door Storage Pockets and 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

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WHEEL BASE	GVM (optional)	GCM (optional)
6380mm	24,000kg	53,000kg
6380mm	24,000kg	53,000kg

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	3
Seat Belts	2 ELR Lap Sash, 1 Lap Driver pre-tensioner
Seat (driver)	Air Suspension with Height, Tilt and Dampening Adjustment Integral Headrest and Fabric Trim
Seats (passenger)	2 Fixed
Sleeping	ADR42/04 Approved Sleeping Berth

Active Safety	
Safety Systems	ABA5 - Active Brake Assist 5 ASGA - Active Sideguard Assist 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)	21.0
Electronically Speed Limited to:	100km/hr Conforms to ADR65/..
Engine Speed (rpm) at 100km/hr (top gear)	1879
Gradeability at Rated GVM (theoretical)*	66%
Gradeability at Rated GCM (theoretical)*	28.5%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions

Mass estimated*		
Front*	A 4568kg	B 4463kg
Rear*	A 3197kg	B 3387kg
Total*	A 7765kg	B 7850kg
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)	11320
B - Extreme Axle Spacing (mm)	7040
C - Front Overhang (mm)	1370
D - Wheelbase (mm)	6380
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)	5535
J - Frame, Rear Axle to End (mm)	3570
N - Height Overall (mm)	3175
O - Air Intake to Cab Roof (mm)	205
P - Height Cab to Ground (mm)	2970
Q - Height Cab to Frame (mm)	1970
R - Height Rear Frame to Ground (mm)	1033

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

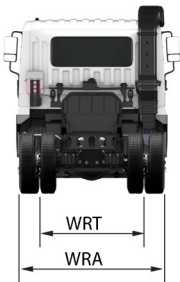
- 6380mm
- 6380mm

### GVM (optional)

- 24,000kg
- 24,000kg

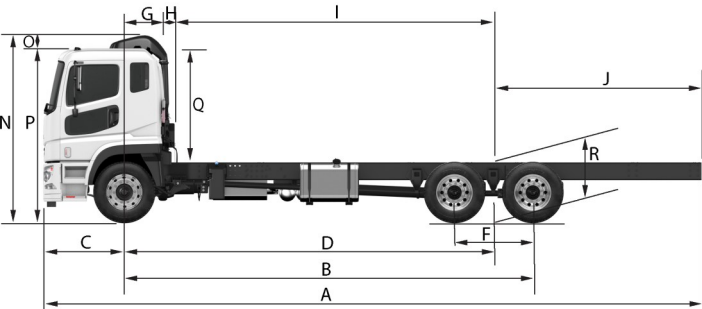
### GCM (optional)

- 53,000kg
- 53,000kg



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