

SHOGUN FV2540

6x4 ■ AMT

NEW
GENERATION

+ ADVANCED
SAFETY SYSTEMS

EURO 6
ENGINE +
TRANSMISSION



Power / Torque:
293kW/2,011Nm



Wheelbase:
4,300mm (K)



Suspension:
Steel

- Active Emergency Braking
- Electronic Stability Control
- Lane Departure Warning

- Adaptive Cruise Control
- Driver Fatigue Monitoring
- 5yr/500,000km Warranty

SPECIFICATIONS - SHOGUN FV2540 6x4

MODEL

6x4 SHOGUN FV2540 12 SP. AMT STEEL SUSP. FV70HK2VFBA

WHEELBASE (mm)

4,300 (K)

GVM (kg)

25,400

GCM (kg)

53,000

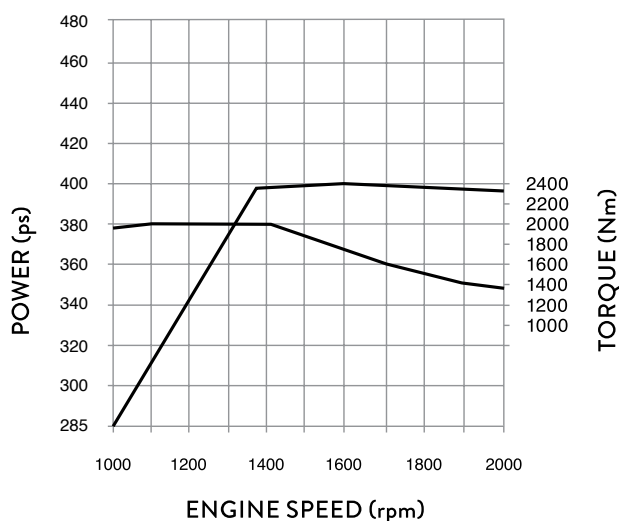
EURO 6
ENGINE +
TRANSMISSION

ENGINE

Engine Version	FUSO OM470 6 Cyl. In-line DOHC
Displacement	11 Litre (10,671cc)
Power (DIN)*	293kW (398ps) @ 1600rpm
Torque (DIN)*	2,011Nm (1484lbft) @ 1100rpm
Air Cleaner	Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR + DPF)
Emission Level	EURO 6 (ADR80/03)
Engine Live Drive PTO	Max Continuous Output 650Nm (780Nm Peak) Ratio 1:1.3043 Rotation Direction: Opposite Engine

*Gross Calculated

OM470 – T2



FUEL

Injection System	X Pulse Common Rail High Pressure Direct Injection
Tank	400L Rectangular Alloy Tank + Locking Cap
AdBlue Exhaust Fluid Capacity	60L Tank + Locking AdBlue Cap

ELECTRICAL

Voltage	24V Negative Ground, 100A Alternator
Battery Specification	Heavy Duty 2x12V, 150Ah / 20hr

CLUTCH

Type	FUSO Single Plate Fully Automated
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TRANSMISSION

Version	FUSO SHIFTPILOT Automated Manual G230-12 Generation 3
Type / Speeds	12 Speed AMT with Auto + Manual Modes Constant Mesh Non Synchromesh Transmission

TRANSMISSION CONTINUED

Features	Standard + Economy Modes: Calibrated for NZ Conditions Driver Activated Kick Down Skip Shift Function for Light Loads Crawler Mode Rock-Free Mode ECO Roll Soft Cruise	
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: 11.673
PTO Opening	Rear	

FRONT AXLE

Axle Version	FUSO F900T "I" Beam
Max Operating Capacity (kg)	7,100 (Subject to suitable tyres + certification)

FRONT SUSPENSION

Type	Long Taper Leaf + Double Acting Shock Absorbers
Size (mm)	1,500 x 90

REAR AXLE

Axle	D10 Hypoid Tandem Drive with Inter-Axle Diff Lock
Max Operating Capacity (kg)	21,600
Ratio	4.625:1

REAR SUSPENSION

Details	Mechanical 6 Rod Long Taper Leaf, 6 Rod Trunion
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BRAKES

Type	Full Air Taper Roller Drum Brakes + Auto Adjust, EBS, ABS, ASR (Traction Control)
Size Front / Rear (mm)	410x150 / 410x200
Park Brake	Rear Wheels Spring Actuated
Engine Brake	Jake Brake: Three-Stage + Shift Down Function – Max 335kW (460ps)
Air Compressor	Two-Stage + ECU Control for Fuel Saving
Air tanks	Alloy

WHEELS AND TYRES

Wheels	10 x Alcoa Alloy 22.5 x 8.25" ISO 10 Stud
Tyre Size Front / Rear	295/80R22.5 / 11R22.5

ADVANCED
SAFETY
SYSTEMS

Type	Super Frame, Single Skin, Reinforced Parallel Channel
Size / Width (mm)	300x90x7.0 / 840
Refer to the bodybuilders guidelines on the Fuso website (www.fuso.co.nz) before mounting a body or modifying the chassis	

Gauges	Speedo / Tacho / Air pressure / Fuel level / Ad Blue level
Multi-Information Display accessed from steering wheel buttons	Digital Speedo Advanced Safety Systems Control Water Temperature Fuel Consumption Warning Lamps Service Indicators Hour Meter + Tripmeter Oil Level Check Alarm Clock
Steering wheel controls	Audio / Phone / Cruise Control / Multi-Information Display Menu / Speed Limiter

Cab Cooling and Heating	Climate Control Air Conditioning
Accessory Power	24V Accessory Power Outlet x 2
Driving	SMART Key Push Button Start + Keyless Central Locking Electric Windows Fluorescent Cabin Lamp Interior Reading Lamps Engine Idle Speed Control

Type	All Steel 4 Point Air Suspended + Electric / Hydraulic Tilt Cab
Colour	Natural White (W31)
Seating Capacity	2 + Large Centre Console
Seat (driver)	Air Suspension Integrated Seat Belt Auto Levelling Height, Tilt, Lumbar + Dampening Adjust Armrest
Seats (passenger)	Bucket Seat with Integral Headrest
Interior	Fully Trimmed with Carpet on Floor Premium Rear Bunk Mattress + Curtains
External	Roof Mounting Points (max. static load 50kg) Front End-Outline Marker Lamps

30,000km/12 months TBC
Vehicles operating in harsh environments may be subject to reduced service intervals.

5 years / 500,000km
Simply have your vehicle serviced at an authorised FUSO Service Centre, at the recommended servicing intervals, and you are covered by an additional 2 year / 250,000km FUSO warranty on top of the first 3 years / 250,000km. That's a total of 5 years / 500,000km cover! Refer to the terms and conditions in the FUSO warranty booklet for full details.

Electronic Brake System (EBS)	Yes
Electronic Stability Control (ESC)	Yes
Active Brake Assist (ABA4)	Yes
Lane Departure Warning System (LDWS)	Yes
Active Attention Assist (Driver Fatigue Monitoring)	Yes
Proximity Control Assist (Adaptive Cruise Control)	Yes

Structure	ECE-R29 European Cab Strength (max front axle weight 6.5T) Door Side Impact Beams
Airbags	Driver (steering wheel)
Seatbelts	Pre-tensioner Integrated with seat (driver) Warning Light (driver)
Front Underrun Protector Beam (FUP)	Yes
LH Transom Window + Rear Quarter Glass	Yes
Steering Wheel	Leather, Tilt / Telescopic Adjustable
Rearview Mirrors	Remote Control, Heated + Separate Convex Spotter (both sides)
Headlamp Auto sensing	Xtra Vision LED (low beam) Manual height adjustment
Fog Lamps	Yes
Front Step Lights	Yes
Keyless Central Locking	Yes
Wipers	Auto sensing
Trailer Brake Control Lever	Yes
7" Touchscreen Media Unit	AM/FM/DAB + USB + AUX Apple CarPlay + Android Auto Wi-Fi enabled for Internet Radio Bluetooth, 32GB capacity storage HD Reverse Camera included †

Speed Limiter	Yes (adjustable by FUSO dealer)
Jake Engine Brake (460ps)	Yes
Anti-Lock Braking System (ABS)	Yes
Brake Override System	Yes
Hill Start System	Yes
Traction Control (ASR)	Yes
Interaxle Diff Lock	Yes
Emergency Stop Signal (ESS)	Yes
Reverse Warning Buzzer	Yes

- † Additional Multimedia Display Cameras (up to 4)
- Truck Specific GPS Navigation
- Reversing Sensors
- Tyre Pressure Monitoring System (up to 36 tyres)
- Wireless Phone Charge Pocket

		Vehicle Ratings**		Max Axle Loadings**		Kerb Weights*		
Model		GVM	GCM	Front	Rear	Front	Rear	Total
6x4 SHOGUN FV2540 12 Sp. AMT Steel Susp.	FV70HK2VFBA	25,400	53,000	7,100	21,600	X	X	X
* Weights (est.) includes 10L fuel and are subject to 3.5% variation (+/-)		** Vehicle ratings and max axle loadings may be limited by local regulations.						
*** Subject to suitable tyres and certification								

SPECIFICATIONS - SHOGUN FV2540 6x4

PERFORMANCE		DIMENSIONS (mm)	
Turning Circle (kerb to kerb - metres)	14.6	Wheelbase	4,300
Electronically Speed limited to 100km/hr	Can be adjusted down by dealer	Length Overall	7,640
Engine Speed (rpm) 90km/hr (top gear)	1,700	Height Overall	3,180
Gradeability at Rated GCM (theoretical)*	28%	Width Overall	2,490
Notes	*This is theoretical performance only. Actual performance may vary under different conditions	Width Rear Axle	2,475
		Width Front track	2,075
		Width Rear Track	1,865
		Width Frame	840
		Height Frame at Rear Axle	1,058

6x4 SHOGUN FV2540 – 'K' WHEELBASE

Scale = 1:50 (20mm = 1 metre). This scale is accurate when used on the original spec sheet, be aware that enlarging these illustrations can alter the scale and cause incorrect measurements. Fuso New Zealand and its authorised dealers always recommend customers seek professional advice from independent sources before commencing any engineering activities.

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