FV2651 MEDIUM WHEELBASE

SHOGUN510

510HP - 2500NM - SHIFTPILOT - 6x4





Power/Torque:

510ps/2,500Nm (1,844lb/ft)



Wheelbase:

4,300mm (K)



Suspension:

Δir

- Most powerful Japanese truck
- Active Side Guard Assist NEW
- Active Brake Assist (ABA5) NEW
- **■** 63T GCM
- **■** Limited Slip Differentials
- 5yr/500,000km Warranty (T&Cs inside)



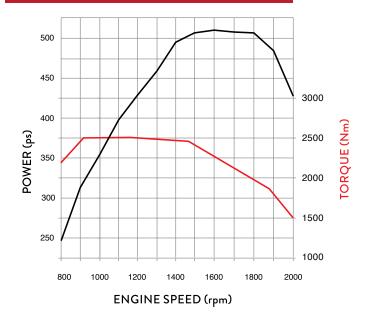
SPECIFICATIONS - SHOGUN 510 FV2651 6x4

MODEL WHEELBASE (mm) GVM (kg) GCM (kg)

6x4 FV2651K 12 SP. SHIFTPILOT AIR SUSP. FV74VK9VFBA 4,300 (K) 26,000 63,000

ENGINE NE	EW .
Engine Version	FUSO OM471 6 Cyl. In-line DOHC
Displacement	13 Litre (12,809cc)
Power (DIN)	510ps (375kW) @1600rpm
Torque (DIN)	2,500Nm (1844lbft) @ 1100rpm
Air Cleaner	Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR + DPF)
Emission Level	EURO 6 (ADR80/03)

OM471 - PERFORMANCE GRAPH



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 Cap

ELECTRICAL	
Voltage	24V Negative Ground, 100A Alternator
Battery Specification	Heavy Duty 2x12V, 150Ah / 20hr
CLUTCH	
Туре	FUSO Twin Plate Fully Automated
TRANSMISS	ION
Version	FUSO SHIFTPILOT GENERATION 3 Automated Manual G330-12
Type / Speeds	12 Speed with Auto + Manual Modes Constant Mesh Non Synchromesh Transmission

TRANSMISSION CONTINUED

TRANSMISSION **Features** Eco, Auto + Heavy Modes: Calibrated for NZ Conditions Skip Shift Function for Light Loads Driver Activated Kick Down Crawler Mode Rock-Free Mode Eco Roll Eco Cruise 1st: 11.639 Ratios 8th: 2.050 2nd: 9.020 9th: 1.599 3rd: 7.035 10th: 1.239 4th: 5.452 11th: 1.000 5th: 4.400 12th: 0.775 6th: 3.410 RHigh: 9.020 7th: 2.645 RLow: 11.639 PTO Opening Rear

ENGINE+

FRONT AXLE	
Axle Version	FUSO F900T "I" Beam
Design Capacity (kg)	7,500
Max Operating Capacity (kg)	7,100 (Subject to suitable tyres + certification)

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

REAR AXLE	
Axle	D12 Hypoid Tandem Drive + Inter-Axle Diff Lock, Limited Slip Diff (LSD) in both axles
Max Operating Capacity (kg)	21,600
Ratio	4.222:1

REAR SUSPENSION Details Air with CLCS control, Trailing Arm with 2 Bag / Axle with Shock Absorbers CLCS: Chassis Level Control System Electronic Height Control / Dump (adjustable from steering wheel or remote control) 2 memory positions

BRAKES	
Туре	Full Air Taper Roller Drum Brakes + Auto Adjust, EBS, ABS, ASR (Traction Control)
Size Front / Rear (mm)	410×160 / 410×200
Park Brake	Rear Wheels Spring Actuated
Engine Brake	Jake Brake: Three-Stage including Shift Down Function – Max 375kW (510ps)
Air Compressor	Two-Stage + ECU Control for Fuel Saving
Air tanks	Alloy

WHEELS AND TYRES	
Wheels	10 x Alcoa Alloy 22.5x8.25" ISO 10 Stud
Tyre Size Front / Rear	295/80R22.5 / 11R22.5

SPECIFICATIONS - SHOGUN 5/0 FV2651 6x4

CHASSIS

Туре	Super Frame, Single Skin, Reinforced Parallel Channel
Size / Width (mm)	300x90x7.0/840

Refer to bodybuilder guidelines on FUSO website (fuso.co.nz) before mounting a body or modifying the chassis

INSTRUMENTS

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

STANDARD FEATURES

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

CAB FEATURES

Туре	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 + Heavy Duty Vinyl on Floor Premium Rear Bunk Mattress + Curtains
External	Roof Mounting Points (max. static load 50kg) Front End-Outline Marker Lamps

SERVICE INTERVALS

60,000km full service / 15,000km safety inspection

60,000km full service intervals, depending on application/use. 15,000km safety inspection, with greasing, required for reliability and to maintain warranty cover.

WARRANTY

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.

SAFETY FEATURES

JAILITILATORES	SAFFTY
ACTIVE SAFETY FEATURES	SYSTEMS
Electronic Brake System (EBS)	Yes
Electronic Stability Control (ESC)	Yes
Active Brake Assist (ABA5)	Yes NEW
Lane Departure Warning System (LDWS)	Yes
Active Attention Assist (Driver Fatigue Monitoring)	Yes
Proximity Control Assist (Adaptive Cruise Control)	Yes
Active Side Guard Assist (ASGA)	Yes
CAB	
Structure	ECE-R29 European Cab Strength (max front axle weight 6.5T) Door Side Impact Beams
Airbags	Driver (steering wheel)

	Passenger seat belt warning light
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)
Auto-Sensing Headlamps	Auto High/Low Beam Activation Xtra Vision I FD (low beam)

Drivers integrated with Seat & Belt Pre-tensioner, Driver &

Halogen (high beam) Manual Height Adjustment

Bluetooth, 32GB capacity storage

Yes

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		

HD Reverse Camera included † **CHASSIS** Speed Limter Yes (100km/h factory setting) Jake Engine Brake (510ps) Yes Anti-Lock Braking System (ABS) Yes Yes **Brake Overide System** Hill Start System Yes Traction Control (ASR) Yes Interaxle Diff Lock

Yes (both axles)

Yes

Yes

OPTIONS

Seatbelts

Day Time Running Lights

Fog Lamps

† Additional Touchscreen Display Cameras (up to 4)

Truck Specific GPS Navigation

Emergency Stop Signal (ESS)

Limited Slip Diff (LSD)

Reverse Warning Buzzer

Reversing Sensors

Tyre Pressure Monitoring System (up to 36 tyres)

KERR WEIGHTS AND MAX AXI F LOADS (kg)

	J	Vehicle I	Ratings**	Max Axle	Loadings**	k	Kerb Weights	*
Model		GVM	GCM	Front***	Rear	Front	Rear	Total
6x4 FV2651K 12 Sp. SHIFTPILOT Air Susp.	FV74VK9VFBA	26,000	63,000	7,100	21,600	4,430	3,320	7,750

^{*} Weights (est.) includes 10L fuel and are subject to 3.5% variation (+/-)

^{**} Vehicle ratings and max axle loadings may be limited by local regulations.

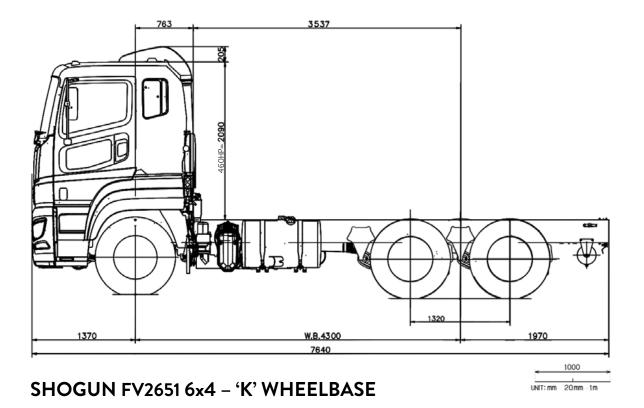
^{***} Subject to suitable tyres and certification

SPECIFICATIONS - SHOGUN 510 FV2651 6x4

PERFORMANCE	
Turning Circle (kerb to kerb - metres)	15.2
Electronically Speed limited to 100km/hr	Can be adjusted lower by dealer
Engine Speed (rpm) 90km/hr (top gear)	1,530
Gradeability at Rated GCM (theoretical)*	25%
*TL:::	-l. A-tlf

*This is theoretical performance only. Actual performance may vary under	
different conditions	

DIMENSIONS (mm)	
Wheelbase	4,300
Length Overall	7,640
Height Overall	3,300
Width Overall	2,490
Width Rear Axle	2,485
Width Front track	2,075
Width Rear Track	1,865
Width Frame	840
Height Frame at Rear Axle	1,030 (Air susp. inflated)



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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