

LONG WHEELBASE SHOGUN FV2536

MY21 6x4 ■ **SHIFTPILOT**

5 YEAR
500,000KM
WARRANTY

NEW
GENERATION
+ ADVANCED
SAFETY SYSTEMS

JP17
(EURO 6
EQUIVALENT)
ENGINE



Power / Torque:
354ps/1,400Nm



Wheelbase:
6,545mm (U)



Suspension:
Air

- Active Brake Assist 5 **NEW**
- Electronic Stability Control
- Lane Departure Warning

- Adaptive Cruise Control
- Driver Fatigue Monitoring
- Active Side Guard Assist **NEW**

SPECIFICATIONS - SHOGUN FV2536 6x4

MODEL

6x4 FV2536U 12 SP. SHIFTPILOT AIR SUSP. FV74GU1VFBA

WHEELBASE (mm)

6,545 (U)

GVM (kg)

25,000

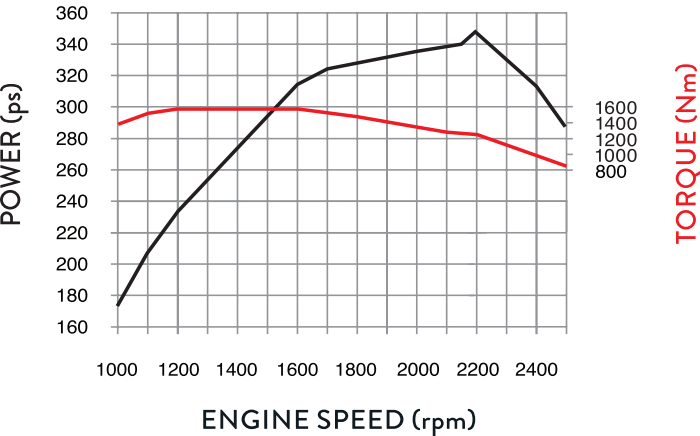
GCM (kg)

N/A

ENGINE

Engine Version	FUSO OM936 (6S10-T1) 6 Cyl. In-line DOHC
Displacement	8 Litre (7,697cc)
Power (DIN)*	354ps (260kW) @ 2200rpm
Torque (DIN)*	1,400Nm (1034lbft) @ 1200-1600rpm
Air Cleaner	Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR + DPF)
Emission Level	Japan 17 (ADR80/03) Exceeds Euro 6 Requirements
Engine Live Drive PTO	N/A

OM936 T1



TRANSMISSION CONTINUED

Features	Standard + Economy Modes: Driver Activated Kick Down Skip Shift Function for Light Loads Crawler Mode Rock-Free Mode Eco Roll Eco Cruise	
Ratios	1st: 14.929 2nd: 11.672 3rd: 9.024 4th: 7.055 5th: 5.627 6th: 4.400 7th: 3.393	8th: 2.652 9th: 2.050 10th: 1.603 11th: 1.278 12th: 1.000 RHigh: 11.672 RLow: 14.929
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 + Stabilizer
Size (mm)	1,650 x 90

REAR AXLE

Axle	D10 Hypoid Tandem Drive with Inter-Axle Diff Lock and Limited Slip Diffs
Max Operating Capacity (kg)	21,600
Ratio	3.307:1

REAR SUSPENSION

Details	Air Electronically Controlled 8 Bag with Stabilizer Bars Height Control (adjustable from steering wheel or remote control)
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BRAKES

Type	Full Air Taper Roller Drum Brakes + Auto Adjust, EBS, ABS, ASR (Traction Control)
Size Front / Rear (mm)	410x160 / 410x200
Park Brake	Rear Wheels Spring Actuated
Engine Brake	Jake Brake: Three-Stage including Shift Down Function. Max 260kW (354ps)
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

FUEL

Injection System	X Pulse Common Rail High Pressure Direct Injection
Tank	300L Rectangular Steel Tank + Locking Cap
AdBlue Exhaust Fluid Capacity	60L Tank + Locking Cap

ELECTRICAL

Voltage	24V Negative Ground, 100A Alternator
Battery Specification	Heavy Duty 2x12V, 120Ah / 20hr

CLUTCH

Type	FUSO Single Plate Fully Automated
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TRANSMISSION

Version	FUSO SHIFTPILOT GENERATION 3 Automated Manual G211-12
Type / Speeds	12 Speed with Auto + Manual Modes Constant Mesh Non Synchronesh Transmission

SPECIFICATIONS - SHOGUN FV2536 6x4

ADVANCED
SAFETY
SYSTEMS

CHASSIS

Type	Super Frame, Single Skin, Reinforced Parallel Channel
Size / Width (mm)	300x88x7.0/840
Refer to the bodybuilders guidelines on the Fuso website (www.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	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

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 Engine Idle Speed Control

CAB FEATURES

Type	Low Floor 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 Rear Bunk Mattress, Carpet on Floor
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

ACTIVE SAFETY FEATURES

Electronic Brake System (EBS)	Yes
Electronic Stability Control (ESC)	Yes
Active Brake Assist 5 (ABA5)	Yes
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)
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	Urethane, Tilt / Telescopic Adjustable
Rearview Mirrors	Remote Control, Heated + Separate Convex Spotter (both sides)
Auto-sensing Headlamps	Auto High/Low Beam Activation Xtra Vision LED (low beam) Halogen (high beam)
Day Time Running Lights	Yes
Fog Lamps	Yes
Front Step Lights	Yes
Keyless Central Locking	Yes
Wipers	Auto sensing
Trailer Brake Control Lever	No
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 †

CHASSIS

Speed Limiter	Yes (100km/h factory setting)
Jake Engine Brake	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

OPTIONS

† Additional Touchscreen Display Cameras (up to 4)
Truck Specific GPS Navigation
Reversing Sensors
Tyre Pressure Monitoring System (up to 36 tyres)

KERB WEIGHTS AND MAX AXLE LOADS (kg)

Model		Vehicle Ratings**		Max Axle Loadings**		Kerb Weights*		
		GVM	GCM	Front***	Rear	Front	Rear	Total
6x4 FV2536U 12 Sp. SHIFTPILOT Air Susp.	FV74GU1VFBA	25,000	N/A	7,100	21,600	4,050	3,520	7,570

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

*** Subject to suitable tyres and certification

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

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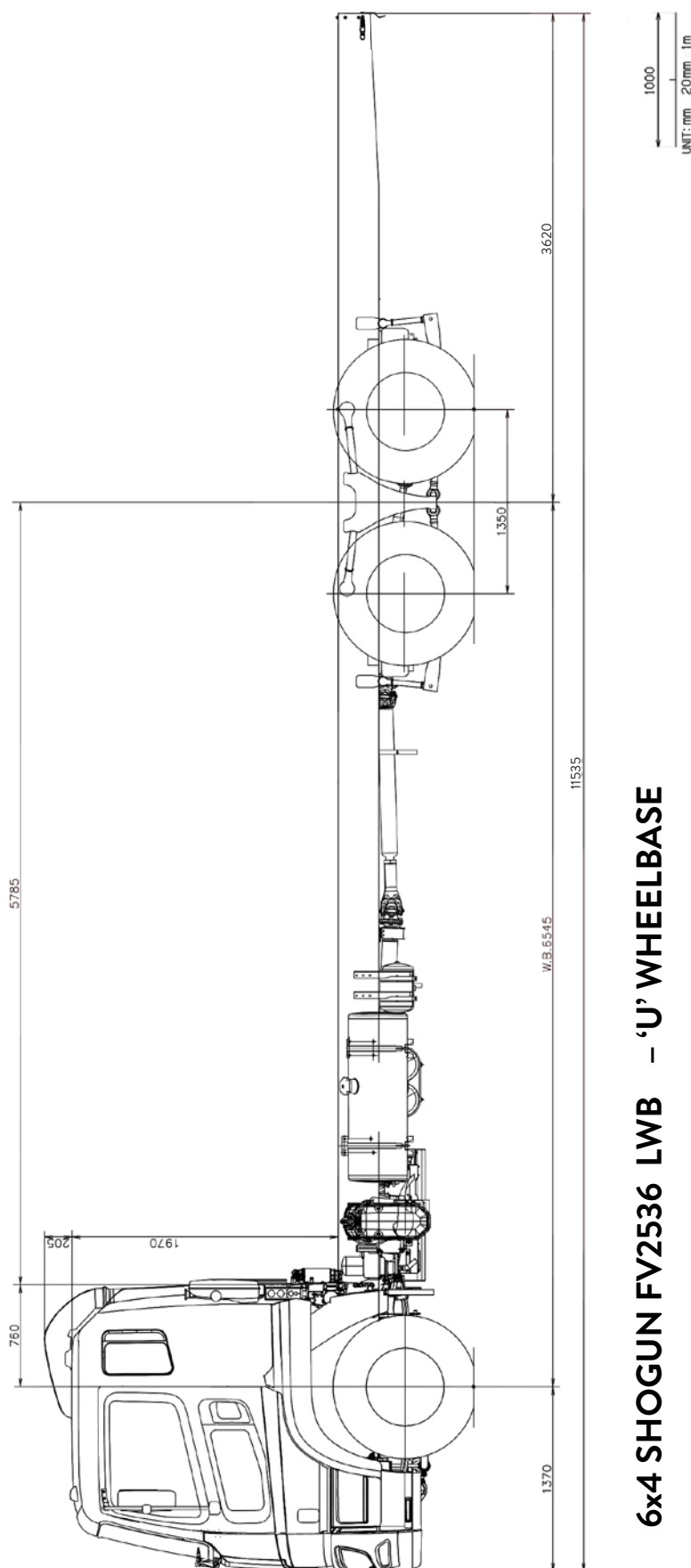
PERFORMANCE

Turning Circle (kerb to kerb - metres)	20
Electronically Speed limited to 100km/hr	Can be adjusted lower by dealer
Engine Speed (rpm) 90km/hr (top gear)	1,550
Gradeability at Rated GCM (theoretical)*	47%

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

DIMENSIONS (mm)

Wheelbase	6,545
Length Overall	11,535
Height Overall	3,150
Width Overall	2,490
Width Rear Axle	2,475
Width Front track	2,075
Width Rear Track	1,865
Width Frame	840
Height Frame at Rear Axle (Air Susp. inflated)	1,020



6x4 SHOGUN FV2536 LWB – 'U' WHEELBASE

Scale = 1:50 (20mm = 1 metre). This scale is accurate when printed at full size (as available from your local FUSO dealer). If printing a downloaded pdf from the Fuso NZ website, please check your printer settings. Please be aware that printing these sheets at anything other than 100% size can alter the scale and cause incorrect measurements. Fuso NZ and its authorised dealers recommend customers seek professional advice from independent sources before commencing any engineering activities.

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