TRACTOR

SHOGUN FP1640G

4x2 - SHIFTPILOT **MY21**





Power/Torque: 400ps/2,011Nm



Wheelbase: 3,800mm (G)



Suspension:

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

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



SPECIFICATIONS - SHOGUN FP1640G 4x2

MODEL

WHEELBASE (mm)

GVM (kg)

GCM (kg)

4x2 FP1640G 12 SP.

SHIFTPILOT

AIR SUSP.

FP74HGR2VFBA

3,800 (G)

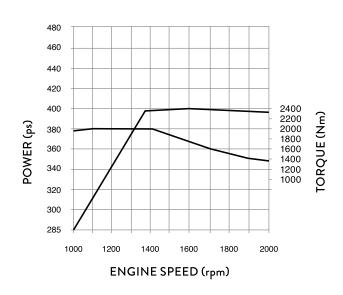
16,500

40,000

ENGINE	
Engine Version	FUSO OM470 6 Cyl. In-line DOHC
Displacement	11 Litre (10,671cc)
Power (DIN)*	400ps (293kW) @ 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)
*Gross Calculated	

OM470 - T2

Type



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

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

 ${\sf FUSO \ Single \ Plate \ Fully \ Automated}$

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

IRANSMIS	SION CONTINUED		ENGINE +
Features	Calibrated for Driver Activat	ction for Light Lo	TRANSMISSION ads
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	
Туре	Long Taper Leaf + Double Acting Shock Absorbers
Size (mm)	1,650 x 90

REAR AXLE	
Axle	R440 Hypoid Drive
Max Operating Capacity (kg)	10,800
Ratio	3.909:1

REAR SUSPENSION	
Details	Air
	Trailing Arm + 4 Bag / Axle
	Height Control (adjustable from steering wheel

or remote control)

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 335kW (460ps)
Air Compressor	Two-Stage + ECU Control for Fuel Saving
Air tanks	Alloy

WHEELS AND TYRES	
Wheels	6 x Alcoa Alloy 22.5x8.25" ISO 10 Stud
Tyre Size Front / Rear	275/70R22.5

SPECIFICATIONS - SHOGUN FP1640G 4x2

CHASSIS

Туре	Super Frame, Single Skin, Reinforced Parallel Channel
Size / Width (mm)	278×90×7.0 / 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	ab 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	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 + 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

SAFEIT FEATURES	SYSTEMS
ACTIVE SAFETY FEATURES	31312773
Electronic Brake System (EBS)	Yes
Electronic Stability Control (ESC)	Yes
Active Brake Assist (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	Leather, 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) Manual height adjustment
Day Time Running Lights	Yes
Fog Lamps	Yes
Front Step Lights	Yes
Keyless Central Locking	Yes
Auto-sensing Wipers	Yes
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 †

CHASSIS	
Speed Limter	Yes (100km/h factory setting)
Jake Engine Brake (460ps)	Yes
Anti-Lock Braking System (ABS)	Yes
Brake Overide System	Yes
Hill Start System	Yes
Traction Control (ASR)	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 (up to 36 tyres)

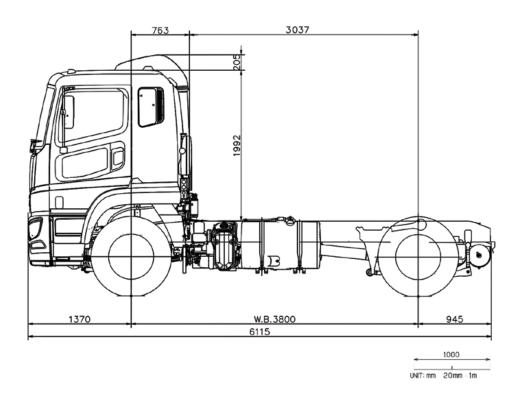
		Vehicle Ratings**		Max Axle Loadings**		Kerb Weights*		
Model		GVM	GCM	Front***	Rear	Front	Rear	Total
4x2 FP1640G 12 Sp. SHIFTPILOT Air Susp.	FP74HGR2VFBA	16,500	40,000	7,100	10,800	4,325	1,825	6,150

SPECIFICATIONS - SHOGUN FP1640G 4x2

12.8
Can be adjusted lower by dealer
1,600
30%

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

DIMENSIONS (mm)		
Wheelbase	3,800	
Length Overall	6,115	
Height Overall	3,155	
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	960 (Air Susp. inflated)	



4x2 SHOGUN FP1640G TRACTOR - 'G' 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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