TRACTOR

SHOGUN FP1640

4x2 • SHIFTPILOT





Power/Torque: 400ps/2,011Nm



Wheelbase: 3,800mm (G)



Suspension:

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

- Adaptive Cruise Control
- Driver Fatigue Monitoring
- 5yr/500,000km Warranty (T&Cs inside)



SPECIFICATIONS - SHOGUN FP1640 4x2

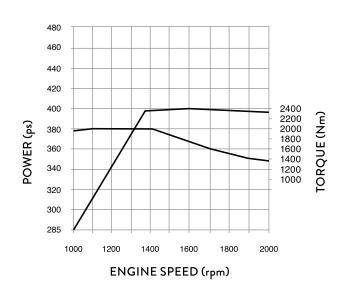
MODEL WHEELBASE (mm) GVM (kg) GCM (kg)

4x2 FP1640 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

Туре



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

24V Negative Ground, 100A Alternator
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	

TRANSMISSION CONTINUED ENGINE +			
Features	Calibrated for Driver Activat	ction for Light Lo	TRANSMISSION
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		

FRONTAXLE	
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)	
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)	410x160 / 410x200
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 FP1640 4x2

CHASSIS

Туре	Super Frame, Single Skin, Reinforced Parallel Channel
Size / Width (mm)	278~90~7 0 / 8/10

Refer to the bodybuilders guidelines on the Fuso website (www.fuso.co.nz) before mounting a body or modifying the chassis

INSTRUMENTS

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 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

*** Subject to suitable tyres and certification

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

		/VI.)
ACTIVE SAFETY FEATURES	01312	
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	

(Adaptive Cruise Control)	
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	Xtra Vision LED (low beam) Halogen (high 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 †

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 System (up to 36 tyres)

Wireless Phone Charge Pocket

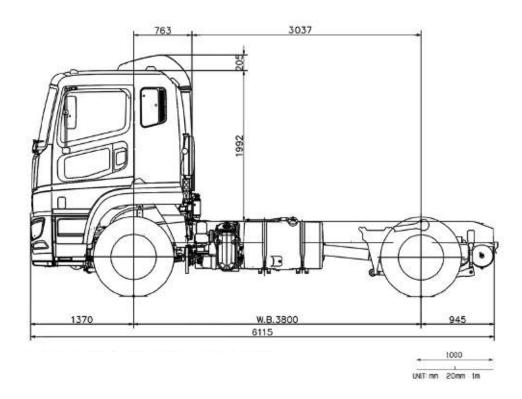
KERB WEIGHTS AND MAX AXLE LOADS (kg)								
		Vehicle	Ratings**	Max Axle	Loadings**		Kerb Weights	*
Model		GVM	GCM	Front***	Rear	Front	Rear	Total
4x2 FP1640 12 Sp. SHIFTPILOT Air Susp.	FP74HGR2VFBA	16,500	40,000	7,100	10,800	4,340	1,840	6,180
* Weights (est.) includes 10L fuel and are subject	to 3.5% variation (+/-)	** Vehicl	e ratings and	max axle load	lings may be l	imited by loc	al regulations	•

SPECIFICATIONS - SHOGUN FP1640 4x2

PERFORMANCE	
Turning Circle (kerb to kerb - metres)	12.8
Electronically Speed limited to 100km/hr	Can be adjusted lower by dealer
Engine Speed (rpm) 90km/hr (top gear)	1,600
Gradeability at Rated GCM (theoretical)*	30%
*This is theoretical performance of	only. Actual performance may vary under

*This is theoretical	performance only. Actual performance may vary unc	der
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 FP1640 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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