

TRACTOR

SHOGUN FP1640G

MY21 ■ 4x2 ■ SHIFTPILOT

NEW
GENERATION

+ ADVANCED
SAFETY SYSTEMS

EURO 6
ENGINE +
TRANSMISSION



Power / Torque:
400ps/2,011Nm



Wheelbase:
3,800mm (G)



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 FP1640G 4x2

MODEL

4x2 FP1640G 12 SP. SHIFTPILOT AIR SUSP. FP74HGR2VFBA

WHEELBASE (mm)

3,800 (G)

GVM (kg)

16,500

GCM (kg)

40,000

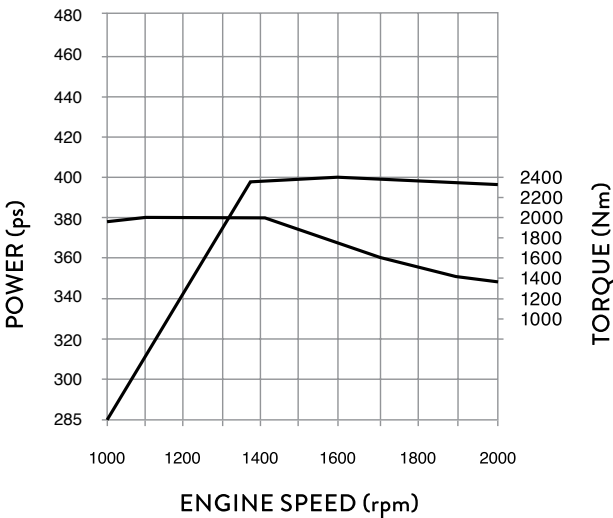
EURO 6
ENGINE +
TRANSMISSION

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



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

Type	FUSO Single Plate Fully Automated
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TRANSMISSION

Version	FUSO SHIFTPILOT GENERATION 3 Automated Manual G230-12
Type / Speeds	12 Speed with Auto + Manual Modes Constant Mesh Non Synchronesh 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 Eco 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)	1,650 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)
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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 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

ADVANCED
SAFETY
SYSTEMS

		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
* 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								

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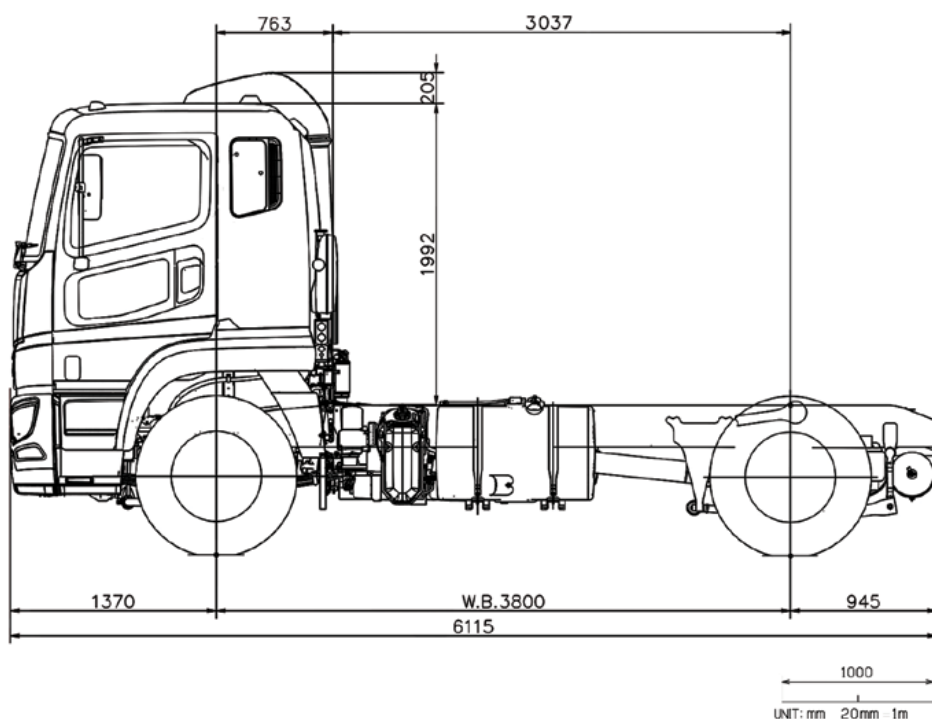
PERFORMANCE

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 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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