

LONG WHEELBASE

# SHOGUN FV2536

6x4 ■ SHIFTPILOT

**NEW**  
GENERATION

+ ADVANCED  
SAFETY SYSTEMS

**JP17**

(EURO 6  
EQUIVALENT)

**ENGINE**



**Power / Torque:**  
354ps/1,400Nm



**Wheelbase:**  
6,545mm (U)



**Suspension:**  
Air

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

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

# SPECIFICATIONS - SHOGUN FV2536 6x4

## MODEL

6x4 FV2536 12 SP. SHIFTPILOT AIR SUSP. FV74GU1VFBA

## WHEELBASE (mm)

6,545 (U)

## GVM (kg)

25,000

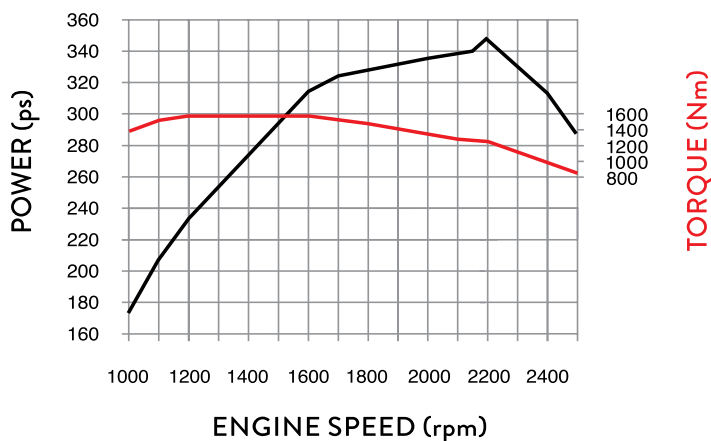
## GCM (kg)

38,000

## 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:<br>Driver Activated Kick Down<br>Skip Shift Function for Light Loads<br>Crawler Mode<br>Rock-Free Mode<br>Eco Roll<br>Eco Cruise |                                                                                                        |
| Ratios      | 1st: 14.929<br>2nd: 11.672<br>3rd: 9.024<br>4th: 7.055<br>5th: 5.627<br>6th: 4.400<br>7th: 3.393                                                           | 8th: 2.652<br>9th: 2.050<br>10th: 1.603<br>11th: 1.278<br>12th: 1.000<br>RHigh: 11.672<br>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<br>Height Control (adjustable from steering wheel or remote control) |
|---------|-------------------------------------------------------------------------------------------------------------------------------|

## 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 |
|------|-----------------------------------|

## TRANSMISSION

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

## 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                       |

# 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 ( <a href="http://www.fuso.co.nz">www.fuso.co.nz</a> ) 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<br>Advanced Safety Systems Control<br>Water Temperature<br>Fuel Consumption<br>Warning Lamps<br>Service Indicators<br>Hour Meter + Tripmeter<br>Oil Level Check<br>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<br>Central Locking<br>Electric Windows<br>Fluorescent Cabin Lamp<br>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<br>Integrated Seat Belt<br>Auto Levelling<br>Height, Tilt, Lumbar + Dampening Adjust<br>Armrest |
| Seats (passenger) | Bucket Seat with Integral Headrest                                                                             |
| Interior          | Fully Trimmed with Rear Bunk Mattress,<br>Carpet on Floor                                                      |
| External          | Roof Mounting Points (max. static load 50kg)<br>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 (ABA4)                          | Yes |
| Lane Departure Warning System (LDWS)                | Yes |
| Active Attention Assist (Driver Fatigue Monitoring) | Yes |
| Proximity Control Assist (Adaptive Cruise Control)  | Yes |

### CAB

|                                        |                                                                                                                                                               |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure                              | ECE-R29 European Cab Strength (max front axle weight 6.5T)<br>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                 | Xtra Vision LED (low beam)<br>Halogen (high beam)                                                                                                             |
| 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<br>Apple CarPlay + Android Auto<br>Wi-Fi enabled for Internet Radio<br>Bluetooth, 32GB capacity storage<br>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)   |
| Wireless Phone Charge Pocket                       |
| Trailer Control Valve                              |

## KERB WEIGHTS AND MAX AXLE LOADS (kg)

| Model                                  |             | Vehicle Ratings** |        | Max Axle Loadings** |        | Kerb Weights* |       |       |
|----------------------------------------|-------------|-------------------|--------|---------------------|--------|---------------|-------|-------|
|                                        |             | GVM               | GCM    | Front***            | Rear   | Front         | Rear  | Total |
| 6x4 FV2536 12 Sp. SHIFTPILOT Air Susp. | FV74GU1VFBA | 25,000            | 38,000 | 7,100               | 21,600 | 4,080         | 3,520 | 7,600 |

\* 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.

# SPECIFICATIONS - SHOGUN FV2536 6x4

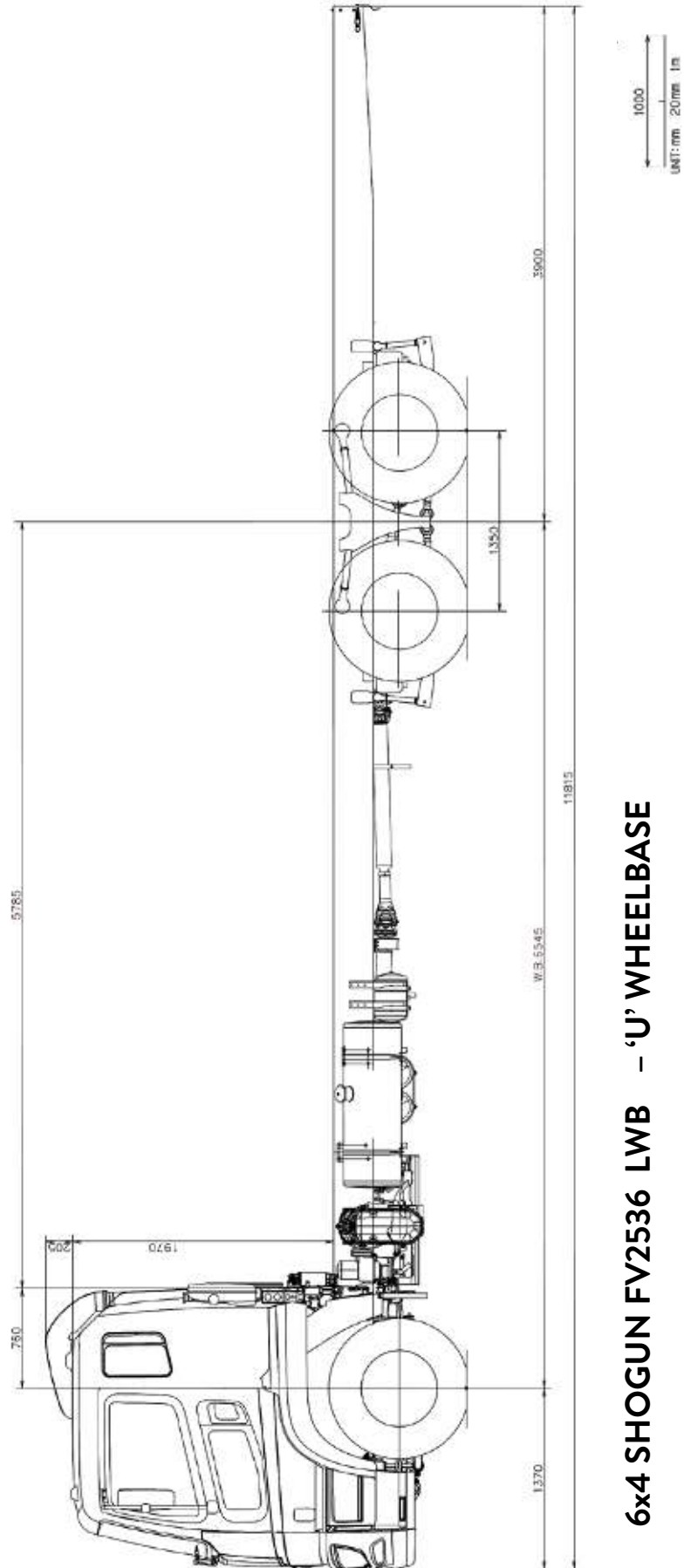
## PERFORMANCE

|                                             |                                    |
|---------------------------------------------|------------------------------------|
| Turning Circle<br>(kerb to kerb - metres)   | 20                                 |
| Electronically Speed limited<br>to 100km/hr | Can be adjusted<br>lower by dealer |
| Engine Speed (rpm) 90km/hr<br>(top gear)    | 1,550                              |
| Gradeability at Rated GCM<br>(theoretical)* | 34%                                |

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

## DIMENSIONS (mm)

|                                                   |        |
|---------------------------------------------------|--------|
| Wheelbase                                         | 6,545  |
| Length Overall                                    | 11,815 |
| 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<br>(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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