

FUSO SHOGUN

Shogun FS82 8x4

10.7L / AMT / MECH SUSP. / LWB



OUR SAFEST AND CLEANEST SHOGUN YET. THIS LATEST SHOGUN IS EQUIPPED WITH ABA6, LDWS, ESP, EBS, AAA, ASGA 2.0, IHC, DRL & A EURO VI ENGINE. ALL BACKED BY OUR CLASS LEADING SERVICE INTERVALS AND 5 YEAR WARRANTY.

GVM

30,800_{KG}

GCM

53,000_{KG}

Power/Torque

290_{KW} / 2000_{NM}

335_{KW} / 2200_{NM}

- Heavy rigid licence required
- Actual vehicle may differ from above image

SHOGUN SPECIFICATIONS

MODEL

| | |
|---|---------------------------------------------------------------|
| A | 8X4 FS82 395HP STEEL SUSP. LWB 12 SP. AMT FS82HS2FAA |
| B | 8X4 FS82 455HP STEEL SUSP. STD ROOF LWB 12 SP. AMT FS82HS4FAA |

WHEEL BASE

| |
|--------|
| 5870mm |
| 5870mm |

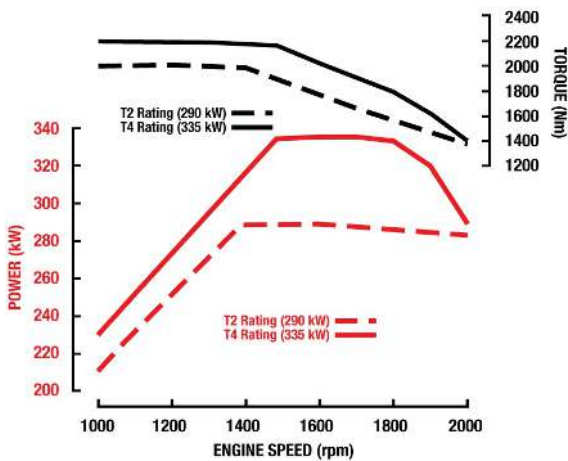
GVM

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| Engine | | |
|----------------------|----------------------------------------------------------------------------------------------|------------------------------------------------|
| Engine Version | A FUSO OM470-T2 Diesel | B FUSO OM470-T4 Diesel |
| Configuration | 6 Cyl. In-line OHV | |
| Injection System | Common Rail Direct Injection with Pressure Booster | |
| Type | Asymmetric Turbocharger, Air to Air Intercooler | |
| Displacement | 10.7 litre (10677 cc) | |
| Bore | 125 mm | |
| Stroke | 145 mm | |
| Power (DIN) | A 290 kW (395 hp) @ 1600 rpm | B 335 kW (455 hp) @ 1600 rpm |
| Torque (DIN) | A 2000 Nm (1475 lb.ft) @ 1100 rpm | B 2200 Nm (1622 lb.ft) @ 1100 rpm |
| Maximum Engine Speed | 2100 rpm | |
| Compression Ratio | 18.5:1 | |
| Air Cleaner | Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH) | |
| Emission Control | Diesel Particulate Filter (DPF) plus SCR After-Treatment System | |
| Emission Level | ADR 80/04 - Euro VI | |



| Fuel | |
|-------------------------------|------------------------------------------------|
| Tank Type | Rectangular Aluminium Tank with Locking Cap |
| Fuel Capacity * | 400 Litres |
| Filtration | Filter with Water Separator and Dash Indicator |
| AdBlue Exhaust Fluid Capacity | 60 Litres, Tank fitted with locking AdBlue cap |
| Speed Limiter | Speed Limited 100km/h |
| Notes | *Max Fill to approx 95% of capacity |

| Cooling | |
|-----------|-------------------------------------|
| Fan Drive | Electronically controlled (Viscous) |
| Radiator | Corrugated Fin with Expansion Tank |

| Electrical | |
|-----------------------|-------------------------------------------------------|
| Voltage | 24V Negative Ground |
| Battery Capacity | 2x12V, 150Ah/20hr |
| Battery Specification | 2x145G51 (N150) |
| Headlamp Type | Automatic Type Low Beam: LED High Beam: Halogen |
| Fog Light | Halogen |
| Daytime Running Lamps | LED |

| Clutch | |
|-------------------------|------------------------------------|
| Clutch Model | FUSO K4/430 |
| Type | Single Dry Plate |
| Operation/Specification | Automated Manual (no clutch pedal) |

| Transmission | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version | FUSO Automated Manual G230-12 |
| Type/Speeds | 12 Speed Automated Manual with Auto, Economy and Manual Modes |
| Features | Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage |
| 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: 11.672 Torque limited from 1st to 3rd and Reverse |
| PTO Opening | Rear of Transmission |

| Front Axle | |
|--------------|----------------------------------------|
| Axle Version | FUSO F900T/F900TR |
| Type | Reverse Elliot 'I' Beam |
| Capacity * | 14200kg total |
| Notes | *See MAX LOADING for vehicle capacity. |

| Front Suspension | |
|------------------|-----------------------------------------------------------------------------------|
| Type | Long Taper Leaf with Double Acting Shock Absorbers Load Share Front Suspension |
| Size | 1500x90mm Leaves |

| Rear Axle | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | Full Floating Hypoid Type Tandem Drive with differential cross locks between front & rear tandem axles Optional-Limited Slip Differential LSD on both axles. |
| Axle Version | FUSO R10TT/R10T |
| Capacity* | 21600kg |
| Ratio | 4.625:1 |
| Notes | *See MAX LOADING for vehicle capacities |

| Rear Suspension | |
|------------------|---------------------------------|
| Type | Mechanical Suspension |
| Details | Long Leaf Taper, 6 Rod Trunnion |
| Size Main Leaves | 1320x90mm |

| Max Loading | |
|-------------|---------|
| Front | 13000kg |
| Rear | 21600kg |
| Total | 30800kg |

| Options | | |
|---------|-----------------------------|-----------------------------|
| Options | A R05 - LSD | B R02 - LSD |
| | R06 - LSD + Flywheel PTO | R03 - LSD + Flywheel PTO |

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Steering

| | |
|-----------------|----------------------------|
| Type | Integral Ball and Nut |
| Steering Column | Tilt/Telescopic Adjustable |
| Power Assist | 8x4 Power Assist Cylinder |

Brakes

| | |
|------------|-------------------------------------------------------------|
| Type | Full Air, Dual Circuit with FUSO Taper Rollers |
| Size Front | 410x150mm |
| Size Rear | 410x200mm |
| Features | Brake Priority System |
| Park Brake | Rear Wheel Spring Actuated |
| Engine | Jacobs Brake |
| | 3 Levels of Retardation |
| Trailer | Hand Control Valve, Air Lines Coupling and Electrical Cable |

Wheels & Tyres

| | |
|--------------------|---------------------------------------------|
| Wheel Type | Single Piece Aluminium Disc Including Spare |
| Wheel Size | 22.5x8.25 |
| Wheel Stud Pattern | 10x335mm PCD |
| Tyre Brand | Bridgestone |
| Tyre Size Front | 295/80R22.5 152/148 |
| Tyre Size Rear | 11R22.5 148/145 |
| Tyre Size Spare | 295/80R22.5 152/148 |
| Spare Tyre Carrier | Provided |

Chassis

| | |
|------------------|-----------------------------|
| Type | Reinforced Parallel Channel |
| Size | 300x90x7.0 mm |
| Width | 840 mm |
| Tensile Strength | 540 MPa |

Instruments

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gauges | Speedometer Tachometer Fuel Level Air Pressure AdBlue Level |
| Colour Information Display | Odometer Tripmeter (x2) Hour Meter (x2) Outside Temperature AdBlue Level DPF Information Driving Range (Fuel and AdBlue) Current Vehicle Speed Cruise Control Lane Departure Warning Active Attention Assist Warning Alarm Clock Service Indicator & Reminder System Air Pressure Coolant Temperature Engine Oil Level & Running Time |
| Warning Lamps | ABS ASR ESP ESP Off Turn Signal Headlamps High Beam Hill Holder Auxiliary Brake Parking Brake Engine Over-speed Air Pressure Low Cab Tilt Lock DPF Regeneration DPF Status AdBlue Empty AdBlue Contamination Active Brake Assist |
| Warning Lamp/Buzzer | Air Pressure Cab Tilt Engine Over-speed AdBlue Empty AdBlue Contamination |

Multi-Media Package

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Satellite Navigation | GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included. |
| Colour Display | 8" LCD with capacitive touch screen control |
| Phone Connectivity | Wireless Apple Carplay & Android Auto Compatible |
| Audio Visual Entertainment | Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB |
| Camera Compatibility | 1 Reverse Camera fitted as standard Display can accept up to 5 additional cameras# |
| Notes | # Cameras available through spare parts |

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GVM

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| 53,000kg |
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Standard Features

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cruise Control | Adaptive with Stop and Go |
| Hill Start System | Yes |
| Cab Cooling & Heating | Climate Control |
| Accessory Power | 24V Accessory Power Outlet (x2) plus Cigar Lighter |
| Driving | Suspended Driver's Seat Central Locking Electric Windows LH Transom Window Opening Rear Quarter Glass Cup Holder Fluorescent Cabin Lamp |
| Storage | A Centre Storage Compartment, Driver's Overhead Storage, Door Storage Pockets and Coat Hooks B Centre Storage Compartments (x3 Total, Lockable x1) Driver's Overhead Storage Door Storage Pockets Coat Hooks |
| Cab: External | Fog Lights Door Side Impact Beams Roof Mounting Points max. static load 70kg Front End-Outline Marker Lamps External PTO controls |
| Chassis | Integrated Front Underrun System (FUPS) Reverse Warning Buzzer Clear Top of Chassis Rail for ease of Body Fitment |

Active Safety

| | |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Systems | ABA6 - Active Brake Assist 6 ASGA 2.0 - Active Sideguard Assist 2.0 PD - Pedestrian Detection AAA - Active Attention Assist PCA - Proximity Control Assist Cruise Control LDWS - Lane Departure Warning System ESP - Electronic Stability Program ABS - Anti-lock Braking System ASR - Anti Slip Regulator LED Headlamps DRL - Daytime Running Lamps IHC - Intelligent Headlight Control EBS - Engine Braking System |
| Reverse Warning | Wide Dynamic Range Camera and Buzzer |
| Notes | Active Safety Systems primary function is to provide driver assistance to increase road safety in events of driver inattentiveness. These systems do not allow for lack of attention whilst driving and should not replace safe and alert driving. |

Passive Safety

| | |
|----------------------------------------|---------------------------------------------|
| Airbags | SRS Airbag - Driver |
| Body Strength | ECE-R29 Cab Strength Compliant |
| Seat Belts - Driver & Driver Assistant | 3 Point ELR Lap Sash, Driver Pre-Tensioner. |

Service Intervals

| | |
|-----------|------------------------------------------------|
| Interval* | 50,000km or 12 Months (whichever occurs first) |
|-----------|------------------------------------------------|

Warranty*

| | |
|--------------------------------|-------------------------------------------------------------------------------------|
| Basic/Powertrain | 5 Years or 500,000kms (whichever occurs first) |
| Cab Perforation/Anti Corrosion | 5 Years |
| Notes | * Please refer to Fuso Owners Warranty Booklet for additional terms and conditions. |

Performance

| | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| Turning Circle (kerb to kerb - metres) | 21.6 |
| Electronically Speed Limited to: | 100km/hr Conforms to ADR65/00 |
| Engine Speed (rpm) at 100km/hr (top gear) | 1879 |
| Gradeability at Rated GVM (theoretical)* | 47.5% |
| Gradeability at Rated GCM (theoretical)* | 28.5% |
| Notes | *This is theoretical performance only. Actual performance may vary under different conditions |

Mass estimated*

| | | |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Front* | A 5703kg | B 5728kg |
| Rear* | A 3032kg | B 3027kg |
| Total* | A 8735kg | B 8755kg |
| Notes | * Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-) | |

Dimensions mm

| | |
|--------------------------------------------------|--------------------------------|
| WFF (Width Front Fender) (mm) | 2490 |
| WRA (Width Rear Axle) (mm) | 2475 |
| WFT (Width Front Track) (mm) | 2075 |
| WRT (Width Rear Track) (mm) | 1865 |
| Width Frame (mm) | 840 |
| A - Length Overall (mm) | 10140 |
| B - Extreme Axle Spacing (mm) | 6530 |
| C - Front Overhang (mm) | 1370 |
| D - Wheelbase (mm) | 5870 |
| F - Rear Axle Spacing (mm) | 1320 |
| G - Front Axle to Rear of Cab (mm) | 700 |
| H - Rear of Cab to Rearmost Item Behind Cab (mm) | 145 |
| I - Rearmost Item Behind Cab to Rear Axle (mm) | 5024 |
| J - Frame, Rear Axle to End (mm) | 2900 |
| N - Height Overall (mm) | A 3240 B 3355 |
| O - Air Intake to Cab Roof (mm) | 205 |
| P - Height Cab to Ground (mm) | A 3035 B 3150 |
| Q - Height Cab to Frame (mm) | A 1970 B 2090 |
| R - Height Rear Frame to Ground (mm) | 1058 |

Body Builder's Notes

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|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | Chassis reinforcement must be utilised for Tipper/ Demountable type body configurations. To conform with ADR 13/00 (lighting requirements) the following must be adhered to at body installation. - If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed. - If overall length exceeds 6.0 metres, side reflectors must be installed. - If overall length exceeds 7.5 metres, side marker lamps must be installed. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle. |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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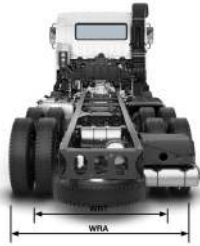
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- 5870mm

GVM

- 30,800kg
- 30,800kg

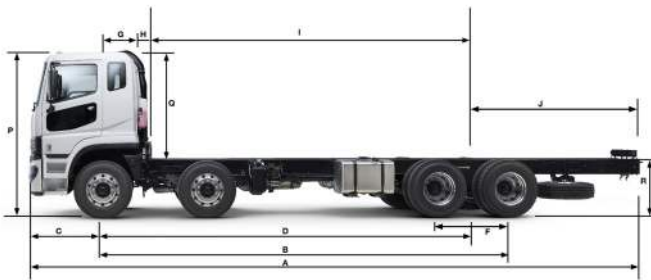
GCM

- 53,000kg
- 53,000kg



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