

# FUSO FIGHTER

## Fighter 1424 Euro 6

4x2 / 5-Sp Allison Auto / Air Susp



**OUR SAFEST FIGHTER YET WITH ACTIVE MITIGATION BRAKE, LANE DEPARTURE WARNING SYSTEM, ELECTRONIC STABILITY PROGRAM AND ACTIVE SIDEGUARD ASSIST AS STANDARD.**

**GVM**

**14,000<sub>KG</sub>**

**GCM**

**14,000<sub>KG</sub>**

**Power/Torque**

**177<sub>kW</sub> / 745<sub>Nm</sub>**

- Medium rigid licence required
- Actual product may vary from image shown

# FIGHTER SPECIFICATIONS

## MODEL

4X2 1424 177KW LWB ALLISON 5 SP. AUTO - FK65FLZ5RFAP

## WHEEL BASE

5210mm

## GVM

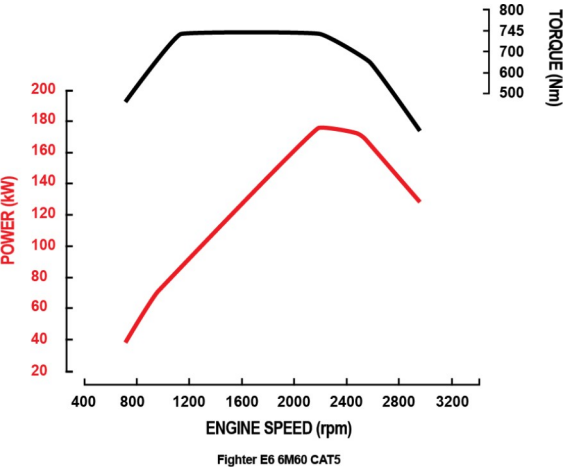
14,000kg

## GCM

14,000kg

### Engine

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Engine Version              | FUSO 6M60-CAT5 Diesel                                                                                     |
| Configuration               | 6 Cyl. In-line OHC, 4-Valve                                                                               |
| Injection System            | DENSO Common Rail System Electronically Controlled Direct Injection                                       |
| Type                        | Variable Geometry Turbo Charged Air to Air Intercooler                                                    |
| Displacement                | 7.5 litre (7545cc)                                                                                        |
| Bore                        | 118mm                                                                                                     |
| Stroke                      | 115mm                                                                                                     |
| Power (ECE R85-00)          | 177kW @ 2270 rpm                                                                                          |
| Torque (ECE R85-00)         | 745Nm @ 950-2270 rpm                                                                                      |
| Maximum Engine Speed        | 2900 rpm                                                                                                  |
| Compression Ratio           | 16.0:1                                                                                                    |
| Cooling System / Oil Cooler | Water cooled, 23.0L capacity/ Plate type engine oil cooler                                                |
| Air Cleaner                 | Paper Element Type with Restrictor Indicator. Mounted Underbody (RH)                                      |
| Emission Control            | Diesel Particulate Filter (DPF)<br>Exhaust Gas Recirculation (EGR)<br>Selective Catalytic Reduction (SCR) |
| Emission Level              | ADR 80/04 - Euro VI                                                                                       |



### Fuel

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Tank Type                     | Rectangular Steel Tank with Locking Cap |
| Fuel Capacity *               | 200 Litres                              |
| AdBlue Exhaust Fluid Capacity | 23 Litres                               |
| Notes                         | *Max Fill to approx 95% of capacity     |

### Cooling

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

### Electrical

|                       |                                   |
|-----------------------|-----------------------------------|
| Voltage               | 24V Negative Earth                |
| Battery Capacity      | 2x12V, 80Ah/5hr                   |
| Battery Specification | 95E41R X2                         |
| Headlamp Type         | Halogen                           |
| Headlamp Capacity     | Low beam 2x70W<br>High beam 2x70W |
| Fog Light             | Halogen                           |

### Transmission

|                                     |                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------|
| Version                             | Allison Automatic 2500 Series                                                   |
| Type/Speeds                         | 5 Speed                                                                         |
| Features                            | Generation 6 Control Systems                                                    |
| Ratios                              | 1st: 3.512<br>2nd: 1.896<br>3rd: 1.439<br>4th: 1.000<br>5th 0.737<br>Rev. 5.086 |
| Torque Converter/Stall Torque Ratio | TC222/1.58                                                                      |

### Propeller Shaft

|                 |               |
|-----------------|---------------|
| Type            | P8            |
| Universal Joint | Needle Roller |

### Front Axle

|              |                                        |
|--------------|----------------------------------------|
| Axle Version | FUSO F500T                             |
| Type         | Reverse Elliot 'I' Beam                |
| Capacity *   | 5000kg                                 |
| Notes        | *See MAX LOADING for vehicle capacity. |

### Front Suspension

|      |                                                    |
|------|----------------------------------------------------|
| Type | Long Taper Leaf with Double Acting Shock Absorbers |
| Size | 1300x70mm Leaves                                   |

### Rear Axle

|              |                                        |
|--------------|----------------------------------------|
| Type         | Full Floating Banjo Type               |
| Axle Version | FUSO R052T                             |
| Capacity*    | 9500kg                                 |
| Ratio        | 5.428:1                                |
| Notes        | *See MAX LOADING for vehicle capacity. |

### Rear Suspension

|              |                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| Type         | Air Suspension                                                                                                              |
| Details      | Trailing Arm with Double Acting Shock Absorber and CLCS                                                                     |
| Air Spring   | 2x270mm dia.                                                                                                                |
| Trailing Arm | 660x355 x 90 x 40 - 2 Leaves                                                                                                |
| Notes        | CLCS - Chassis Level Control System.<br>Electronic height control of air suspension via steering wheel. 2 memory positions. |

### Max Loading

|       |                                    |
|-------|------------------------------------|
| Front | 5000kg                             |
| Rear  | 9200kg                             |
| Total | 14000kg                            |
| Notes | GCM 14,000 kg, no towing capacity. |

### Options

#### Steering

|                 |                                      |
|-----------------|--------------------------------------|
| Type            | Integral Power Assisted Ball and Nut |
| Steering Column | Tilt/Telescopic Adjustable           |

#### Brakes

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Type                 | Full Air, Dual Circuit, FUSO Taper Roller, Automatic Brake adjustment, ABS |
| Size Front           | 370x150mm                                                                  |
| Size Rear            | 370x150mm                                                                  |
| Park Brake           | Rear Wheel Spring Actuated                                                 |
| Auxiliary Compressor | Exhaust Brake<br>Water Cooled, 340cc Single Cyl.                           |

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## WHEEL BASE

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## GVM

14,000kg

## GCM

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### Wheels & Tyres

|                    |                                             |
|--------------------|---------------------------------------------|
| Wheel Type         | 7 x Single Piece Steel Disc Including Spare |
| Wheel Size         | 19.5x6.75DC-147-12t                         |
| Wheel Stud Pattern | 8x275mm PCD                                 |
| Tyre Size All      | 265/70R19.5 140/138M                        |
| Spare Tyre Carrier | Provided                                    |

### Chassis

|                  |                  |
|------------------|------------------|
| Type             | Parallel Channel |
| Size             | 230x80x8.0mm     |
| Width            | 844mm            |
| Tensile Strength | 540 MPa          |

### Instruments

|                            |                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gauges                     | Speedometer<br>Tachometer<br>Fuel Level<br>Air Pressure<br>AdBlue Level                                                                                                                                                                                                                                                                                                                             |
| Colour Information Display | Odometer<br>Tripmeter (x2)<br>Hour Meter (x2)<br>Outside Temperature<br>AdBlue Level<br>DPF Information<br>Driving Range (Fuel and AdBlue)<br>Current Vehicle Speed<br>Cruise Control<br>Lane Departure Warning<br>Active Attention Assist Warning<br>Alarm Clock<br>Level Control<br>Service Indicator & Reminder System<br>Air Pressure<br>Coolant Temperature<br>Engine Oil Level & Running Time |

### Multi-Media Package

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Satellite Navigation       | GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included. |
| Colour Display             | 6.2 inch LCD with touch screen control                                                                          |
| Phone Connectivity         | Bluetooth® hands free                                                                                           |
| Audio Visual Entertainment | Bluetooth® music streaming compatible<br>Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB    |
| Camera Compatibility       | 1 Reverse Camera fitted as standard<br>Display can accept up to 4 additional cameras#                           |

### Active Safety

|                 |                                                                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Systems  | AMB plus - Active Mitigation Brake<br>ESP - Electronic Stability Program<br>AAA - Active Attention Assist<br>ASA - Active Sideguard Assist<br>LDWS - Lane Departure Warning System<br>ABS - Anti-lock Braking System<br>DRL - Daytime Running Lamps |
| 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            |
| Seat Belts | Driver Seat Belt Pre-tensioner |

### Service Intervals

|           |                                              |
|-----------|----------------------------------------------|
| Interval* | 20,000km or 12 Months whichever occurs first |
|-----------|----------------------------------------------|

### Warranty\*

|                  |                                                |
|------------------|------------------------------------------------|
| Basic/Powertrain | 5 Years or 300,000kms (whichever occurs first) |
|------------------|------------------------------------------------|

### Performance

|                                          |                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------|
| Turning Circle (kerb to kerb - metres)   | 18.2                                                                                          |
| Electronically Speed Limited to:         | 100km/hr<br>Conforms to ADR65/00                                                              |
| Gradeability at Rated GVM (theoretical)* | 32%                                                                                           |
| Notes                                    | *This is theoretical performance only. Actual performance may vary under different conditions |

### Mass estimated\*

|        |                                                                                                                                   |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|
| Front* | 2540kg                                                                                                                            |
| Rear*  | 1695kg                                                                                                                            |
| Total* | 4235kg                                                                                                                            |
| 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)                    | 2170 |
| WRA (Width Rear Axle) (mm)                       | 2270 |
| WFT (Width Front Track) (mm)                     | 1780 |
| WRT (Width Rear Track) (mm)                      | 1710 |
| Width Frame (mm)                                 | 844  |
| A - Length Overall (mm)                          | 8645 |
| C - Front Overhang (mm)                          | 1135 |
| D - Wheelbase (mm)                               | 5210 |
| G - Front Axle to Rear of Cab (mm)               | 855  |
| H - Rear of Cab to Rearmost Item Behind Cab (mm) | 75   |
| I - Rearmost Item Behind Cab to Rear Axle (mm)   | 4280 |
| J - Frame, Rear Axle to End (mm)                 | 2300 |
| P - Height Cab to Ground (mm)                    | 2530 |
| R - Height Rear Frame to Ground (mm)             | 858  |

### Body Builder's Notes

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | Chassis reinforcement must be utilised for Tipper/ Demountable type body configurations.<br>To conform with ADR 13/00 and 14/03 (lighting/mirror requirements) the following must be adhered to at body installation.<br>- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.<br>- If overall length exceeds 6.0 metres, side reflectors must be installed.<br>- If overall length exceeds 7.5 metres, side marker lamps must be installed.<br>- If overall width is less than 2.4 metres, the mirrors must be modified to project not more than 230mm.<br>To conform with ADR 42/05 (General Safety), rear wheel guards must be fitted to the vehicle. |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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**WHEEL BASE**

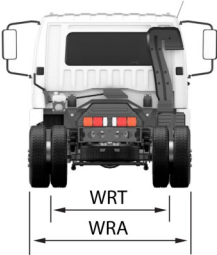
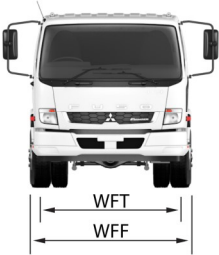
5210mm

**GVM**

14,000kg

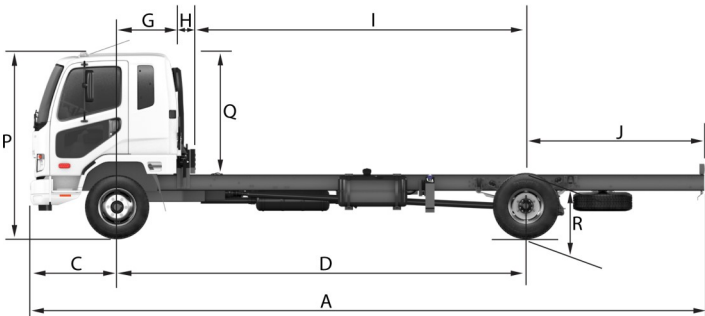
**GCM**

14,000kg



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