

# FIGHTER

FUSO

## Fighter 2427 Euro 6.

6x2 - 6x4 / 6-SP AUTO / STEEL or AIR SUSP.



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

### GVM

23,200 KG to  
24,000 KG

### GCM

23,200 KG to  
24,000 KG

### Power/Torque

199 KW / 785 NM

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

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JOB DONE



# SPECIFICATIONS

# FUSO

# FIGHTER

## MODEL

|   |                                                    |
|---|----------------------------------------------------|
| A | 6x2 2427 Air Susp. XXLWB 6 Sp. AUTO - FN63FU6RFAJ  |
| B | 6x4 2427 Steel Susp. SWB 6 Sp. AUTO - FN62FK6RFAJ  |
| C | 6x4 2427 Steel Susp. XLWB 6 Sp. AUTO - FN62FR6RFAJ |
| D | 6x4 2427 Air Susp. XXLWB 6 Sp. AUTO - FN64FU6RFAJ  |

## WHEEL BASE

|        |
|--------|
| 6530mm |
| 4300mm |
| 5650mm |
| 6530mm |

## GVM (optional)

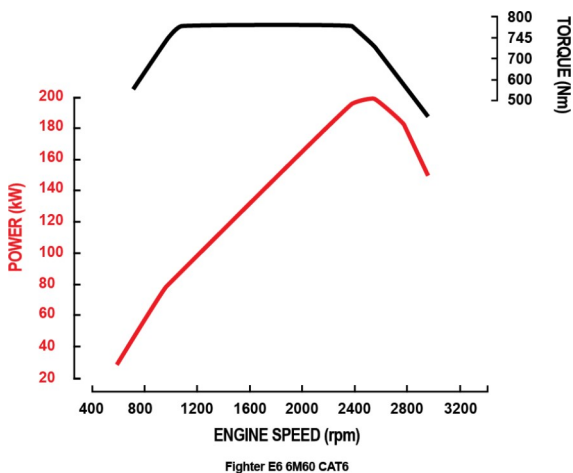
|          |
|----------|
| 23,200kg |
| 23,500kg |
| 23,500kg |
| 24,000kg |

## GCM (optional)

|          |
|----------|
| 23,200kg |
| 23,500kg |
| 23,500kg |
| 24,000kg |

## Engine

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Engine Version              | FUSO 6M60-CAT6 Diesel                                                                                     |
| Configuration               | 6 Cyl. In-line OHC, 4-Valve                                                                               |
| Type                        | Variable Geometry Turbo Charged Air to Air Intercooler                                                    |
| Displacement                | 7.5 litre (7545cc)                                                                                        |
| Bore                        | 118mm                                                                                                     |
| Stroke                      | 115mm                                                                                                     |
| Power (ECE R85-00)          | 199kW @ 2500 rpm                                                                                          |
| Torque (ECE R85-00)         | 785Nm @ 1100-2400 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 80/03 - Euro VI                                                                                       |



## Fuel

|                               |                                                                     |                                              |
|-------------------------------|---------------------------------------------------------------------|----------------------------------------------|
| Injection System              | DENSO Common Rail System Electronically Controlled Direct Injection |                                              |
| Tank Type                     | A C D<br>Rectangular Alloy Tank with Locking Cap                    | B<br>Rectangular Steel Tank with Locking Cap |
| Fuel Capacity *               | A C D<br>400 Litres                                                 | B<br>200 Litres                              |
| AdBlue Exhaust Fluid Capacity | 49 Litres, Tank fitted with locking AdBlue cap                      |                                              |
| Speed Limiter                 | Speed Limited 100km/h                                               |                                              |
| Notes                         | *Max Fill to approx 95% of Air Capacity                             |                                              |

## Cooling

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

## Electrical

|                       |                                   |
|-----------------------|-----------------------------------|
| Voltage               | 24V Negative Earth                |
| Alternator Capacity   | 24V-80 amp                        |
| Starter Capacity      | 24V-5.0kW                         |
| Battery Capacity      | 2x12V, 80Ah/5hr                   |
| Battery Specification | 95E41R X2                         |
| Headlamp Type         | Halogen                           |
| Headlamp Capacity     | Low beam 2x70W<br>High beam 2x70W |
| Fog Light             | Halogen                           |

## Clutch

## Transmission

|                                      |                                                                                              |  |
|--------------------------------------|----------------------------------------------------------------------------------------------|--|
| Version                              | Allison Automatic MD3500 (Fuso Code M100A6)                                                  |  |
| Type/Speeds                          | 6 Speed                                                                                      |  |
| Features                             | Generation 5 Control Systems                                                                 |  |
| Ratios                               | 1st: 4.593<br>2nd: 2.257<br>3rd: 1.535<br>4th: 1.000<br>5th 0.749<br>6th 0.651<br>Rev. 4.999 |  |
| Torque Converter/Stall Torque Ratio  | TC415/2.35                                                                                   |  |
| PTO Opening                          | 4 o'clock & 8 o'clock                                                                        |  |
| Automatic Transmission Fluid Cooling | 2 Chassis Mounted Coolers (LH & RH Side)                                                     |  |

## Propeller Shaft

|                 |               |                  |
|-----------------|---------------|------------------|
| Type            | A<br>P140     | B C D<br>P140/P8 |
| Universal Joint | Needle Roller |                  |

## Front Axle

|              |                                        |
|--------------|----------------------------------------|
| Axle Version | FUSO F650T                             |
| Type         | Reverse Elliot 'I' Beam                |
| Capacity *   | 6300kg                                 |
| Notes        | *See MAX LOADING for vehicle capacity. |

## Front Suspension

|      |                                                   |
|------|---------------------------------------------------|
| Type | Parabolic Leaf with Double Acting Shock Absorbers |
| Size | 1400x80mm Leaves                                  |

## Rear Axle

|              |                                                    |                                                                       |
|--------------|----------------------------------------------------|-----------------------------------------------------------------------|
| Type         | A<br>Full Floating Hypoid Drive with Trailing Rear | B C D<br>Full Floating Hypoid, Tandem Drive with Inter-Axle Diff Lock |
| Axle Version | A<br>FUSO R10T/10D, D10H                           | B C D<br>FUSO R10TT/10T, D10HT/10H                                    |
| Capacity*    | A<br>17200kg                                       | B C D<br>21600kg                                                      |
| Ratio        | A D<br>5.857:1                                     | B C<br>6.166:1                                                        |
| Notes        | *See MAX LOADING for vehicle capacity.             |                                                                       |

## Rear Suspension

|                      |                                                                                                                          |                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Type                 | A D<br>Air Suspension                                                                                                    | B C<br>Mechanical Suspension           |
| Details              | A D<br>Trailing Arm with Double Acting Shock Absorber and CLCS                                                           | B C<br>Long Taper Leaf, 6 Rod Trunnion |
| Size Main Leaves     | A D<br>N/A                                                                                                               | B C<br>1320x90mm                       |
| Air Spring           | A D<br>2x250mm dia.                                                                                                      | B C<br>N/A                             |
| Trailing Arm         | A D<br>615+380 x 80 x 35 - 2 Leaves                                                                                      | B C<br>N/A                             |
| Capacity at Ground * | A D<br>18000kg total*                                                                                                    | B C<br>N/A                             |
| Notes                | CLCS - Chassis Level Control System. Electronic height control of air suspension via steering wheel. 2 memory positions. |                                        |

# SPECIFICATIONS

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| MODEL                                                | WHEEL BASE | GVM (optional) | GCM (optional) |
|------------------------------------------------------|------------|----------------|----------------|
| A 6x2 2427 Air Susp. XXLWB 6 Sp. AUTO - FN63FU6RFAJ  | 6530mm     | 23,200kg       | 23,200kg       |
| B 6x4 2427 Steel Susp. SWB 6 Sp. AUTO - FN62FK6RFAJ  | 4300mm     | 23,500kg       | 23,500kg       |
| C 6x4 2427 Steel Susp. XLWB 6 Sp. AUTO - FN62FR6RFAJ | 5650mm     | 23,500kg       | 23,500kg       |
| D 6x4 2427 Air Susp. XXLWB 6 Sp. AUTO - FN64FU6RFAJ  | 6530mm     | 24,000kg       | 24,000kg       |

### Max Loading

|       |                                      |                                        |                                      |
|-------|--------------------------------------|----------------------------------------|--------------------------------------|
| Front | 6000kg                               |                                        |                                      |
| Rear  | A 17200kg                            | B C 21600kg                            | D 18000kg                            |
| Total | A 23200kg                            | B C 23500kg                            | D 24000kg                            |
| Notes | A GCM 23,200 kg, no towing capacity. | B C GCM 23,500 kg, no towing capacity. | D GCM 24,000 kg, no towing capacity. |

### Options

|         |                                                                |
|---------|----------------------------------------------------------------|
| Options | R23: Limited Slip Differential LSD - FN63FU6RFAJ & FN64FU6RFAJ |
|---------|----------------------------------------------------------------|

### Steering

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

### Brakes

|            |                                                                            |
|------------|----------------------------------------------------------------------------|
| Type       | Full Air, Dual Circuit, FUSO Taper Roller, ABS, Automatic Brake Adjustment |
| Size Front | 410x150mm                                                                  |
| Size Rear  | 410x200mm                                                                  |
| Park Brake | Rear Wheel Spring Actuated                                                 |
| Auxiliary  | Exhaust Brake                                                              |
| Compressor | Water Cooled, 340cc Single Cyl.                                            |

### Wheels & Tyres

|                    |                                               |                      |  |
|--------------------|-----------------------------------------------|----------------------|--|
| Wheel Type         | 11, Single Piece Steel Disc (Including Spare) |                      |  |
| Wheel Size         | 22.5x8.25DC-165-13t                           |                      |  |
| Wheel Stud Pattern | 10x335mm PCD                                  |                      |  |
| Tyre Size All      | A D 275/70R22.5 148/145L                      | B C 11R22.5 148/145L |  |
| Spare Tyre Carrier | A D Provided                                  | B C Not Provided     |  |

### Chassis

|                  |                             |                                                |  |
|------------------|-----------------------------|------------------------------------------------|--|
| Type             | Reinforced Parallel Channel |                                                |  |
| Size             | 280x90x8.0mm                |                                                |  |
| Width            | A D 841mm                   | B C 851mm (includes outer frame reinforcement) |  |
| 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       | Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates  |
| Colour Display             | 6.2 inch LCD with touch screen control                                                                                   |
| Phone Connectivity         | Bluetooth® hands free                                                                                                    |
| Audio Visual Entertainment | Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port |
| Reversing Camera           | 1 Reverse Camera fitted as standard                                                                                      |
| Compatible                 | Display can accept up to 4 additional cameras#                                                                           |
| Optional Accessories       | Rear Mounted Parking Sensor Kit High or Low (available at additional cost) Tyre Pressure Monitoring System               |

### Cab Features

|                     |                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Type                | All Steel Forward Control Manual Tilt 44 deg.                                                                                                 |
| Mounting            | Hydroelastic Susp. 4 Point                                                                                                                    |
| Colour              | Natural White                                                                                                                                 |
| Interior            | Fully Trimmed                                                                                                                                 |
| Windscreen Wipers   | Automatic<br>2 Speed + Intermittent Cycle with Integrated Washer Nozzles                                                                      |
| Rear Vision Mirrors | Remote / Heated with Convex Spotter (Both sides)                                                                                              |
| Seating Capacity    | 3                                                                                                                                             |
| Seat Belts          | 2 ELR Lap Sash, 1 Lap Driver pre-tensioner                                                                                                    |
| Seat (driver)       | ISRI Suspended with Weight Adjustment, LH Arm Rest and Lumbar Support                                                                         |
| Seats (passenger)   | Centre: Low Back with Fabric Trim<br>Forward Folding<br>Far Passenger: Fixed Base with Reclining Seat Back, Integral Headrest and Fabric Trim |

### Active Safety

|                 |                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Systems  | A D<br>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>Departure Warning System<br>ABS - Anti-lock Braking System<br>DRL - Daytime Running Lamps | B C<br>AMB plus - Active Mitigation Brake<br>ESP - Electronic Stability Program<br>AAA - Active Attention 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 350,000kms (whichever occurs first) |
|------------------|------------------------------------------------|

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## Performance

|                                          |                                                                                               |         |        |        |
|------------------------------------------|-----------------------------------------------------------------------------------------------|---------|--------|--------|
| Turning Circle (kerb to kerb - metres)   | A 22                                                                                          | B 15.6  | C 19.4 | D 21.8 |
| Electronically Speed Limited to:         | 100km/hr<br>Conforms to ADR65/..                                                              |         |        |        |
| Gradeability at Rated GVM (theoretical)* | A 40%                                                                                         | B C 37% | D 38%  |        |
| Notes                                    | *This is theoretical performance only. Actual performance may vary under different conditions |         |        |        |

## Mass estimated\*

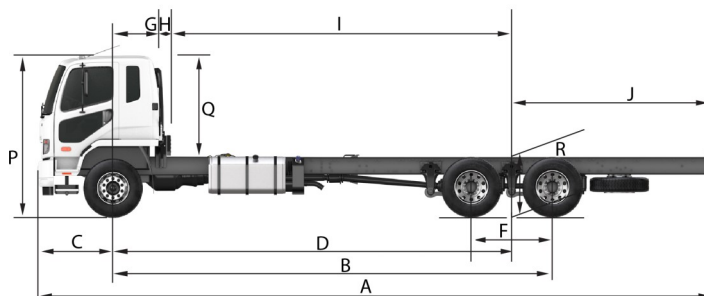
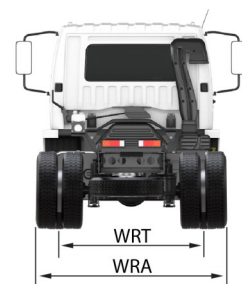
|        |                                                                                                                                   |          |          |          |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|
| Front* | A 3325kg                                                                                                                          | B 3190kg | C 3405kg | D 3330kg |
| Rear*  | A 3210kg                                                                                                                          | B 3725kg | C 3805kg | D 3540kg |
| Total* | A 6535kg                                                                                                                          | B 6915kg | C 7210kg | D 6870kg |
| 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)                    | 2450      |         |        |       |
| WRA (Width Rear Axle) (mm)                       | 2470      |         |        |       |
| WFT (Width Front Track) (mm)                     | 1925      |         |        |       |
| WRT (Width Rear Track) (mm)                      | 1850      |         |        |       |
| Width Frame (mm)                                 | A D 841   | B C 851 |        |       |
| A - Length Overall (mm)                          | A D 11030 | B 7515  | C 9695 |       |
| C - Front Overhang (mm)                          | 1245      |         |        |       |
| D - Wheelbase (mm)                               | A D 6530  | B 4300  | C 5650 |       |
| F - Rear Axle Spacing (mm)                       | 1320      |         |        |       |
| G - Front Axle to Rear of Cab (mm)               | 745       |         |        |       |
| H - Rear of Cab to Rearmost Item Behind Cab (mm) | 75        |         |        |       |
| I - Rearmost Item Behind Cab to Rear Axle (mm)   | A D 6370  | B 4140  | C 5490 |       |
| J - Frame, Rear Axle to End (mm)                 | A D 3255  | B 1970  | C 2800 |       |
| N - Height Overall (mm)                          | A D 2630  | B 2675  | C 2665 |       |
| R - Height Rear Frame to Ground (mm)             | A 968     | B 1037  | C 1036 | D 967 |

## Body Builder's Notes

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | <p>Chassis reinforcement must be utilised for Tipper/Demountable type body configurations. To conform with ADR 13/00 and 14/02 (lighting/mirror requirements) the following must be adhered to at body installation.</p> <ul style="list-style-type: none"> <li>- If other than a flat type or tipper body is fitted, rear end out-line marker lamps must be installed.</li> <li>- If overall length exceeds 6.0 metres, side reflectors must be installed.</li> <li>- If overall length exceeds 7.5 metres, side marker lamps must be installed.</li> <li>- If overall width is less than 2.4 metres, the mirrors must be modified to project not more than 230mm. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.</li> </ul> |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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