

# FIGHTER FK1225

**EURO 6** • 4x2 • **MANUAL** OR **ALLISON AUTO**



**GVM:**  
12,000kg



**Power / Torque:**  
184kW / 761Nm



**Wheelbase:**  
4,270mm (H) / 5,210mm (L)

- **NEW** Euro 6 drivetrain
- **NEW** Advanced safety features
- **5yr / 300,000km Warranty** (T&Cs inside)
- High-torque engine
- Low-height chassis

# SPECIFICATIONS - FIGHTER FK1225 EURO 6

## MODEL

|            |       |      |             |                 |
|------------|-------|------|-------------|-----------------|
| 4x2 FK1225 | 6 SP. | MAN  | STEEL SUSP. | FK62FHZ5RFAC(D) |
| 4x2 FK1225 | 6 SP. | MAN  | STEEL SUSP. | FK62FLZ5RFAC(D) |
| 4x2 FK1225 | 5 SP. | AUTO | STEEL SUSP. | FK62FLZ5RFAD(D) |
| 4x2 FK1225 | 5 SP. | AUTO | AIR SUSP.   | FK65FLZ5RFAD(D) |

## WHEELBASE (mm)

|           |
|-----------|
| 4,270 (H) |
| 5,210 (L) |
| 5,210 (L) |
| 5,210 (L) |

## GVM (kg)

|        |
|--------|
| 12,000 |
| 12,000 |
| 12,000 |
| 12,000 |

## GCM (kg)

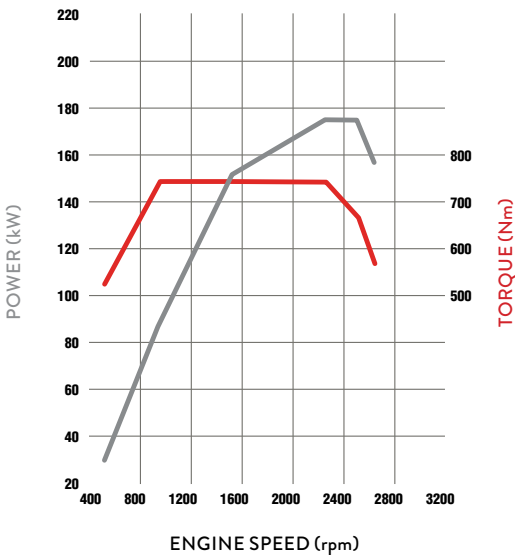
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## ENGINE

|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| Engine Version             | FUSO 6M60-CAT5 Diesel                                                                        |
| Configuration              | 6 Cyl. In-line OHC, 4-Valve                                                                  |
| Type                       | Variable Geometry Turbo Charged Air to Air Intercooler                                       |
| Displacement               | 7.5 litre (7,545cc)                                                                          |
| Power ECE Nett             | 177kW @ 2270rpm                                                                              |
| Torque ECE Nett            | 745Nm @ 950 - 2270rpm                                                                        |
| Power (JIS Gross)*         | 184kW (250ps) @ 2270rpm                                                                      |
| Torque (JIS Gross)*        | 761Nm (561lb/ft) @ 950 - 2270rpm                                                             |
| Maximum Engine Speed (rpm) | 2900                                                                                         |
| Compression Ratio          | 16.0:1                                                                                       |
| Cooling System/Oil Cooler  | Watercooled with Electronically Controlled Viscous Fan, 23L capacity. Engine oil cooler      |
| Air Cleaner                | Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH) |
| Cold Start Preheat         | Standard                                                                                     |
| Emission Control           | Selective Catalytic Reduction (SCR + DPF)                                                    |
| Emission Level             | EURO 6                                                                                       |

\*Calculated

## 6M60-CAT5



## FUEL

|                                   |                                                                     |
|-----------------------------------|---------------------------------------------------------------------|
| Injection System                  | DENSO Common Rail System Electronically Controlled Direct Injection |
| Tank Type                         | Rectangular Steel Tank with Locking Cap                             |
| Fuel Capacity (L)                 | 200                                                                 |
| AdBlue Exhaust Fluid Capacity (L) | 23                                                                  |

## ELECTRICAL

|                       |                                |
|-----------------------|--------------------------------|
| Voltage               | 24V Negative Earth             |
| Alternator Capacity   | 24V-80 amp                     |
| Battery Specification | Heavy Duty 2 x 12V, 100Ah/20hr |

## CLUTCH (manual)

|                         |                                 |
|-------------------------|---------------------------------|
| Clutch Model            | FUSO C7M38                      |
| Type                    | Single Plate Cerametallic 380mm |
| Operation/Specification | Air Assisted Hydraulic          |

## TRANSMISSION

|                                      | Manual                                               | Auto                                                                         |
|--------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|
| Version                              | FUSO Manual M070S6-OD                                | Allison Automatic 2500 Series                                                |
| Type/Speeds                          | 6 with Air Assisted Gearshift                        | 5 Speed with Power / Economy Mode                                            |
| Features                             | Synchromesh 2nd-6th                                  | Generation 5 Control Systems                                                 |
| Ratios                               | 1st: 6.807<br>2nd: 4.172<br>3rd: 2.396<br>4th: 1.504 | 1st: 3.512<br>2nd: 1.896<br>3rd: 1.439<br>4th: 1.000<br>5th 0.737 Rev. 5.086 |
| PTO Opening                          | LH Side                                              | LH and RH Side                                                               |
| Torque Converter/ Stall Torque Ratio | N/A                                                  | TC222/1.58                                                                   |
| Auto Transmission Fluid Cooling      | N/A                                                  | Cooler mounted in front of radiator                                          |

## PROPELLER SHAFT

|                 | Manual        | Auto |
|-----------------|---------------|------|
| Type            | P10           | P8   |
| Universal Joint | Needle Roller |      |

## FRONT AXLE

|                             |                     |
|-----------------------------|---------------------|
| Axle                        | FUSO F500T "I" Beam |
| Design Capacity (kg)        | 5,000               |
| Max Operating Capacity (kg) | 5,000               |

## FRONT SUSPENSION

|           |                                                                                          |
|-----------|------------------------------------------------------------------------------------------|
| Type      | Taper Leaf Spring + Double Acting Shock Absorbers. Stabilizer Bar standard (FK62 models) |
| Size (mm) | 1,300 x 70                                                                               |

## REAR AXLE

|                             |                                  |
|-----------------------------|----------------------------------|
| Axle                        | FUSO D052 Full Floating Hypoid   |
| Design Capacity (kg)        | 9,500                            |
| Max Operating Capacity (kg) | 9,200                            |
| Ratio                       | Manual 4.875:1      Auto 5.428:1 |

## REAR SUSPENSION

|                         |                                    |                                                                                               |
|-------------------------|------------------------------------|-----------------------------------------------------------------------------------------------|
| Type                    | Steel Suspension                   | Air Suspension                                                                                |
| Details                 | Multi Leaf Spring + Stabiliser Bar | Trailing Arm + Air Dump Control and Double Acting Shock Absorbers & CLCS                      |
| Size Main Leaves (mm)   | 1,300 x 70                         | Air Spring (2 x 270 dia. per axle)                                                            |
| Size Helper Leaves (mm) | 900 x 70                           | Chassis Level Control System, Electronic Height Control via steering wheel, 2 memory postions |

## STEERING

|                |                                           |
|----------------|-------------------------------------------|
| Power Assisted | Tilt/Telescopic Adjustable Steering Wheel |
|----------------|-------------------------------------------|

# SPECIFICATIONS - FIGHTER FK1225 EURO 6



## BRAKES

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Type                   | Full Air, Dual Circuit, FUSO Taper Roller, Automatic Brake Adjustment, ABS |
| Size Front / Rear (mm) | 370 x 150                                                                  |
| Park Brake             | Rear Wheel Spring Actuated                                                 |
| Auxiliary              | Exhaust Brake                                                              |
| Compressor             | Water Cooled, 340cc Single Cylinder with Air Dryer                         |

## WHEELS AND TYRES

|                    |                                  |
|--------------------|----------------------------------|
| Wheel Type         | 7, Steel 19.5 x 6.75" ISO 8 Stud |
| Tyre Size (all)    | 265/70R19.5                      |
| Spare Tyre Carrier | Provided                         |

## CHASSIS

|                                                                                                                  |                  |
|------------------------------------------------------------------------------------------------------------------|------------------|
| Type                                                                                                             | Parallel Channel |
| Size (mm)                                                                                                        | 230 x 80 x 8.0   |
| Width (mm)                                                                                                       | 844              |
| Refer to guidelines on <a href="http://www.fuso.co.nz">www.fuso.co.nz</a> before mounting body/modifying chassis |                  |

## INSTRUMENTS

|                                                                  |                                                                                                                                                                                                                              |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gauges                                                           | Speedo, Tacho, Air Pressure, Fuel, Ad Blue                                                                                                                                                                                   |
| Multi-Information Display (accessed from steering wheel buttons) | Hour Meter, Tripmeter, Outside Temp, Digital Speedo, Advanced Safety Systems control/warning, Water Temp, Fuel Consumption/Range, Cruise Control, DPF Information, Warning Lamps, Service Indicators, Oil Level, Alarm clock |
| Steering wheel controls                                          | Audio / Phone / Cruise control / Multi-Information Display menu, Air suspension height, Idling speed adjustment                                                                                                              |

## STANDARD FEATURES

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving             | Electric Windows, Keyless Central Locking, Fluorescent Cabin Lamp, Interior Reading Lamps, Engine Idle Speed Control                                                                                                 |
| Storage             | Centre Storage Console, Rear Bunk Storage Pocket, Dash Storage Tray 2 DIN Glove Compartment, 1 Single & 1 Double DIN Slot for Accessories, Overhead Storage Pocket with Lid, RH Door Storage Pocket, Cup Holders (4) |
| Cab Cooling/Heating | Air Conditioner / Heater / Demister                                                                                                                                                                                  |
| Accessory Power     | 24V Accessory Power Outlet                                                                                                                                                                                           |

## CAB FEATURES

|                   |                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Type              | All Steel Forward Control, Manual Tilt 44 deg.                                                                                              |
| Mounting          | Hydroelastic Susp. 4 Point                                                                                                                  |
| Colour            | Natural White (W31)                                                                                                                         |
| Interior          | Fully Trimmed + Heavy Duty Vinyl on floor                                                                                                   |
| Door              | 90 degree Opening Angle                                                                                                                     |
| Seat (driver)     | ISRI Air Susp. + Auto Levelling, Height, Tilt, Lumbar, Bolster + Dampening Adjust, Integral Headrest, Fabric Trim                           |
| Seats (passenger) | Centre: Low Back with Fabric Trim and Forward Folding Far Passenger: Fixed Base with Reclining Seat Back, Integral Headrest and Fabric Trim |
| Seating Capacity  | 3                                                                                                                                           |
| Cab: External     | Roof Mounting Points (max. static load 50kg), Front End-Outline Marker Lamps                                                                |

## SAFETY FEATURES

### ACTIVE SAFETY FEATURES

|                                 |     |     |
|---------------------------------|-----|-----|
| Electronic Stability Control    | Yes | NEW |
| Active Emergency Braking System | Yes | NEW |
| Lane Departure Warning System   | Yes | NEW |
| Active Attention Assist         | Yes | NEW |
| Active Side Guard Assist        | Yes | NEW |

### CAB

|                                       |                                                                                                                         |     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----|
| Structure                             | Reinforced, Side Door Intrusion Beams, Transom Window and Rear Quarter Glass, Front Underrun Protector Beam             | NEW |
| Airbags                               | Driver Air Bag and Seat Belt Pre-tensioner                                                                              |     |
| Seatbelts                             | 2 ELR Lap Sash, 1 Lap in centre seat                                                                                    |     |
| Steering Wheel                        | Energy Absorbing, Tilt / Telescopic Adjustable                                                                          |     |
| Headlamp Auto Sensing                 | Halogen 2 x 70W / 75W                                                                                                   | NEW |
| Day Time Running Lights               | Yes                                                                                                                     | NEW |
| Fog Lamps                             | Yes                                                                                                                     | NEW |
| Rearview Mirrors                      | Remote Control / Heated with separate convex Spotter (Both Sides)                                                       |     |
| Wipers                                | Auto Sensing                                                                                                            | NEW |
| Keyless Central Locking + Immobiliser | Yes                                                                                                                     | NEW |
| 6.2" Touchscreen Media Unit           | AM/FM/DAB + USB + AUX, Apple Carplay / Android Auto, Wi-Fi enabled, Bluetooth, 32GB storage, HD Infrared Reverse Camera |     |
| Connectivity                          | FMS CANBus Connector, ASAM Sensor Actuator Module                                                                       | NEW |

### CHASSIS

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Speed Limiter (100km/hr factory Set) | Yes (adjustable by FUSO dealer)   |
| Cruise Control                       | Yes                               |
| Exhaust Brake                        | Yes                               |
| Anti-Lock Brakes (ABS)               | Yes                               |
| Hill Start System                    | Yes (not available on auto model) |
| Traction Control (ASR)               | Yes                               |
| Reverse Warning Buzzer               | Yes                               |

## OPTIONS

Additional Cameras for Media Unit (up to 4), Truck Specific GPS Navigation, Reverse Sensors, Tyre Pressure Monitoring System (up to 36 tyres)

## SERVICE INTERVALS

20,000km or 12 month full service intervals, depending on application/use.

## WARRANTY

### 5 years / 300,000km cover

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 / 150,000km FUSO warranty on top of the first 3 years / 150,000km. That's a total of 5 years / 300,000km cover. Refer to terms and conditions in the FUSO warranty booklet for full details.

## KERB WEIGHTS AND MAX AXLE LOADS (kg)

| Model                             |                 | Vehicle Ratings** |     | Max Axle Loadings** |       | Kerb Weights* |       |       |
|-----------------------------------|-----------------|-------------------|-----|---------------------|-------|---------------|-------|-------|
|                                   |                 | GVM               | GCM | Front               | Rear  | Front         | Rear  | Total |
| 4x2 FK1225 6 Sp. Man Steel Susp.  | FK62FHZ5RFAC(D) | 12,000            | TBC | 5,000               | 9,200 | 2,320         | 1,550 | 3,870 |
| 4x2 FK1225 6 Sp. Man Steel Susp.  | FK62FLZ5RFAC(D) | 12,000            | TBC | 5,000               | 9,200 | 2,440         | 1,545 | 3,985 |
| 4x2 FK1225 5 Sp. Auto Steel Susp. | FK62FLZ5RFAD(D) | 12,000            | TBC | 5,000               | 9,200 | 2,465         | 1,535 | 4,000 |
| 4x2 FK1225 5 Sp. Auto Air Susp.   | FK65FLZ5RFAD(D) | 12,000            | TBC | 5,000               | 9,200 | 2,460         | 1,590 | 4,050 |

\* Weights (est.) includes 10L fuel and spare wheel and are subject to 2.5% variation (+/-) \*\* Vehicle ratings and max axle loadings may be limited by local regulations.

# SPECIFICATIONS - FIGHTER FK1225 EURO 6

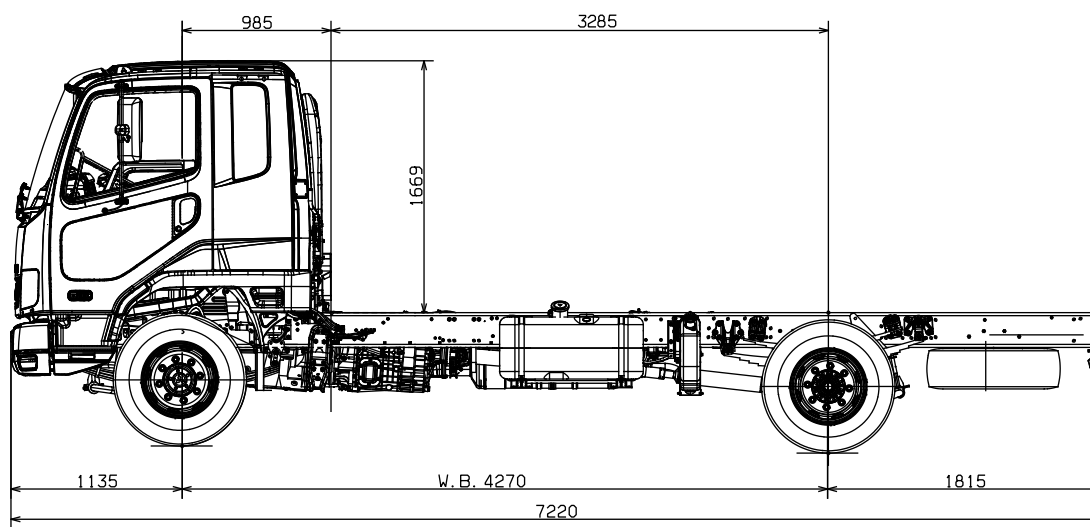
## DIMENSIONS (mm)

|                           | H Wheelbase | L Wheelbase                     |
|---------------------------|-------------|---------------------------------|
| Wheelbase                 | 4,270       | 5,210                           |
| Length Overall            | 7,220       | 8,645                           |
| Height Overall            | 2,530       | 2,530                           |
| Width Overall             | 2,270       | 2,270                           |
| Width Rear Axle           | 2,270       | 2,270                           |
| Width Front Track         | 1,780       | 1,780                           |
| Width Rear Track          | 1,710       | 1,710                           |
| Width Frame               | 844         | 844                             |
| Height Frame at Rear Axle | 932         | 931<br>(Air Sus = 858 inflated) |

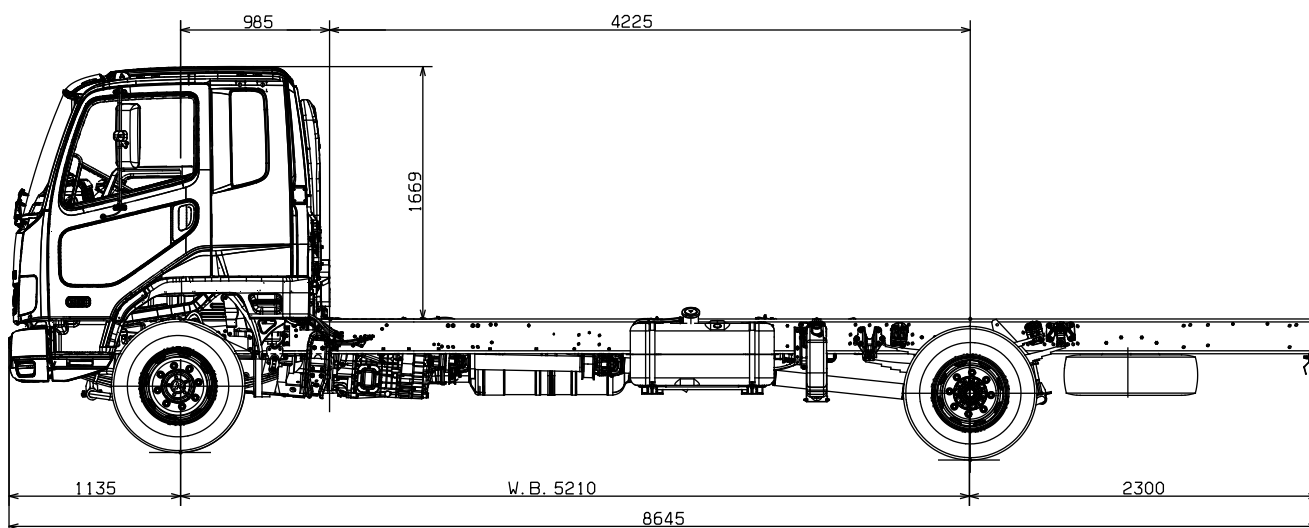
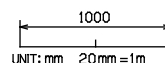
## PERFORMANCE

|                                          | Manual            | Auto |
|------------------------------------------|-------------------|------|
| Turning Circle (kerb to kerb - metres)   | H = 15.2 L = 18.2 | 18.2 |
| Electronically Speed Limited to (km/h):  | 100               | 100  |
| Engine Speed (rpm) at 90km/hr (top gear) | 2130              | 2260 |
| Gradeability at Rated GVM (theoretical)* | 45%               | 37%  |

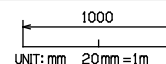
\*Theoretical performance only. Actual performance may vary under different conditions



**FIGHTER FK1225 – 'H' WHEELBASE**



**FIGHTER FK1225 – 'L' 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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