

LONG WHEELBASE

HD FV2441

6x4 • AMT



Power/Torque:
302kW / 2,027Nm



Wheelbase:
6,380mm (T)



Suspension:
Air

- 30,000km service intervals
- Isringhausen driver's seat
- Non-synchromesh transmission
- Rear air suspension

SPECIFICATIONS - FV2441LWB

MODEL

6x4 HD FV2441

12 SP. AMT AIR SUSP.

FV54ST3VFAC

WHEELBASE (mm)

6,380 (T)

GVM (kg)

24,000

GCM (kg)

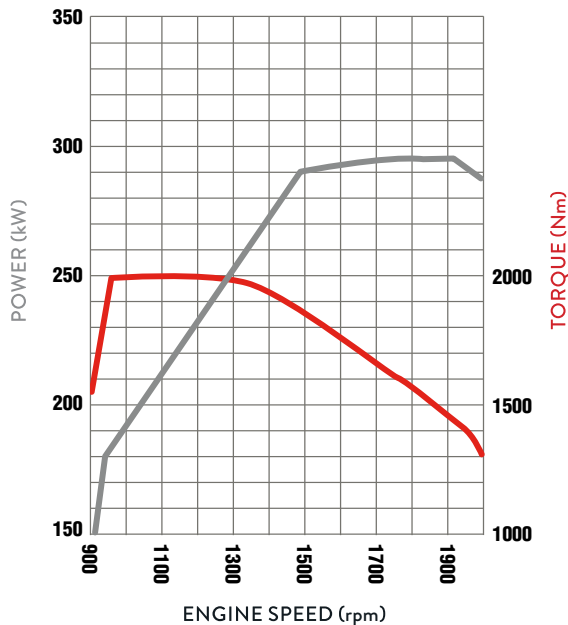
50,000

ENGINE

| | |
|-----------------------------|--|
| Engine Version | FUSO OM457-T3 Diesel |
| Configuration | 6 Cyl. In-line OHV |
| Type | Waste-gate Turbocharged with Air to Air Intercooled |
| Displacement | 12 litre (11967cc) |
| Power ECE Nett | 295kW @ 1900rpm |
| Torque ECE Nett | 2000Nm @ 1100rpm |
| Power (JIS Gross)* | 302kW (410ps) @1900rpm |
| Torque (JIS Gross)* | 2027Nm (1495lbft) @1100rpm |
| Maximum Engine Speed (rpm) | 2200 |
| Cooling System / Oil Cooler | Water cooled with Viscous fan, 32.0L 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) |
| Emission Level | Euro 5 (ADR 80/03) |

*Calculated

OM457-T3



FUEL

| | |
|-----------------------------------|--|
| Injection System | Electronically Controlled Unit Pump Injection |
| Tank Type | Rectangular Alloy Tank with Locking Cap |
| Fuel Capacity (L) | 400 |
| Filtration | Filter with Water Separator and Dash Indicator |
| AdBlue Exhaust Fluid Capacity (L) | 40 Tank fitted with locking AdBlue cap |

ELECTRICAL

| | |
|-----------------------|----------------------------------|
| Voltage | 24V Negative Ground |
| Alternator Capacity | 24V-80 amp |
| Battery Specification | Heavy Duty 2 x 12V, 150Ah / 20hr |
| Headlamp Type | Halogen 2 x 70W / 70W |
| Fog Light | Halogen |

CLUTCH

| | |
|-------------------------|------------------------------------|
| Clutch Model | FUSO C12W43P |
| Type | Single Plate |
| Operation/Specification | Automated Manual (no clutch pedal) |

TRANSMISSION

| | |
|-------------|---|
| Version | FUSO Automated Manual G230-12 (INOMAT-II) |
| Type/Speeds | 12 Speed AMT with Auto and Manual Modes Constant Mesh Non Synchromesh Transmission |
| Features | Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage Start gear select Reverse Hi / Low |

| | | |
|--------|-------------|--------------|
| Ratios | 1st: 11.672 | 8th: 2.068 |
| | 2nd: 9.101 | 9th: 1.603 |
| | 3rd: 7.055 | 10th: 1.250 |
| | 4th: 5.501 | 11th: 1.000 |
| | 5th: 4.400 | 12th: 0.779 |
| | 6th: 3.430 | RHigh: 9.101 |
| | 7th: 2.652 | RLow: 11.672 |

PTO Opening LH Side and Rear

PROPELLER SHAFT

| | |
|------|---|
| Type | Two Main Shaft P151, Inter-axle Shaft P12 |
|------|---|

FRONT AXLE

| | |
|-----------------------------|---|
| Axle Version | FUSO F900T "I" Beam |
| Type | Reverse Elliot "I" Beam |
| Design Capacity (kg) | 7,100 |
| Max Operating Capacity (kg) | 7,100 (Subject to suitable tyres and certification) |

FRONT SUSPENSION

| | |
|-----------|--|
| Type | Long Taper Leaf with Double Acting Shock Absorbers |
| Size (mm) | 1,500 x 90 Leaves |

REAR AXLE

| | |
|-----------------------------|--|
| Type | Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock |
| Axle Version | FUSO D10HT / 10H |
| Design Capacity (kg) | 21,600 |
| Max Operating Capacity (kg) | 21,600 |
| Ratio | 4.222:1 |

SPECIFICATIONS - FV2441LWB

REAR SUSPENSION

| | |
|------------------|--|
| Type | Air Suspension |
| Details | Trailing Arm with Air Dump control and double acting shock absorbers |
| Size Main Leaves | Air Bags (250mm) x 4 |

STEERING

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

BRAKES

| | |
|------------------------|--|
| Type | Full Air Taper Rollerdrum brakes with auto adjust, ABS plus ASR (Traction Control) |
| Size Front / Rear (mm) | 410 x 150 / 410 x 200 |
| Park Brake | Rear Wheel Spring Actuated |
| Engine Brake | 4 Stage Powertard + Exhaust brake with Shift Down Function |
| Compressor | 636cc with air dryer |
| Trailer Control Lever | Yes |
| Air tanks | Alloy |

WHEELS AND TYRES

| | |
|------------------------|------------------------------|
| Wheel Type | 10 x Single Piece Steel Disc |
| Wheel Size | 22.5 x 8.25DC-165-13t |
| Wheel Stud Pattern | ISO 10 x 335mm PCD |
| Tyre Size Front / Rear | 275 / 70R22.5 |

CHASSIS

| | |
|------------|---|
| Type | Super Frame Reinforced Parallel Channel |
| Size (mm) | 300 x 90 x 7.0 |
| Width (mm) | 840 |

INSTRUMENTS

| | |
|----------------------------|--|
| Gauges | Speedometer with Odometer Tachometer Air Pressure (2) Fuel Level Water Temperature AdBlue Level |
| Colour Information Display | Fuel Consumption Service Indicators Hour Meter and Tripmeter Oil Level Check |

STANDARD FEATURES

| | |
|--------------------------|---|
| Airbag | Driver's Air Bag and Seat Belt Pre-tensioner |
| Hill Start System | Yes |
| Speed Limiter - 100km/hr | Activated by dealer |
| Cab Cooling and Heating | Climate Control |
| Accessory Power | 24V Accessory Power Outlet / Cigar Lighter |
| Driving | Keyless Central Locking Cruise Control Electric Windows LH Transom Window Cup Holders Fluorescent Cabin Lamp and Interior Reading Lamps Engine Idle Speed Control |
| Audio | Multi Media 6.1" Touch screen audio with AM/FM/DAB radio, Bluetooth, USB Port and DVD player |
| Storage | Centre Storage Console Rear Bunk Storage Pocket Dash Storage Tray 2 DIN Overhead Console boxes |
| Chassis | Reverse Warning Buzzer |

CAB FEATURES

| | |
|---------------------|---|
| Type | All Steel Forward Control Electric / Hydraulic Tilt Cab |
| Cab Structure | Meets ECE-R29 European Cab Strength (max front axle weight 6.5T); Door Side Impact Beams |
| Mounting | 4 point Air Suspended Front and Rear |
| Doors | 90deg Opening |
| Colour | Natural White (W31) |
| Windscreen | Laminated Tinted Rear Quarter Glass |
| Windscreen Wipers | 2 Speed + Intermittent Cycle with Integrated Washer Nozzles |
| Rear Vision Mirrors | Remote Control /Heated with Convex Spotter (Both Sides) |
| Seating Capacity | 3 |
| Seat Belts | Lap Sash Belts |
| Seat (driver) | ISRI Air Suspension with Auto Levelling, Height, Tilt and Dampening Adjustment |
| Seats (passenger) | Bench with Integral Headrest and Fabric Trim |
| Interior | Fully trimmed with rear bunk mattress Carpet on floor |
| External | Roof Mounting Points (max. static load 50kg) Front End-Outline Marker Lamps Lift up front maintenance panel |

SERVICE INTERVALS

Please contact your nearest Fuso dealer for details

WARRANTY

36 months or 250,000km (whichever occurs sooner)
Subject to terms and conditions in the Fuso Warranty Booklet

KERB WEIGHTS AND MAX AXLE LOADS (kg)

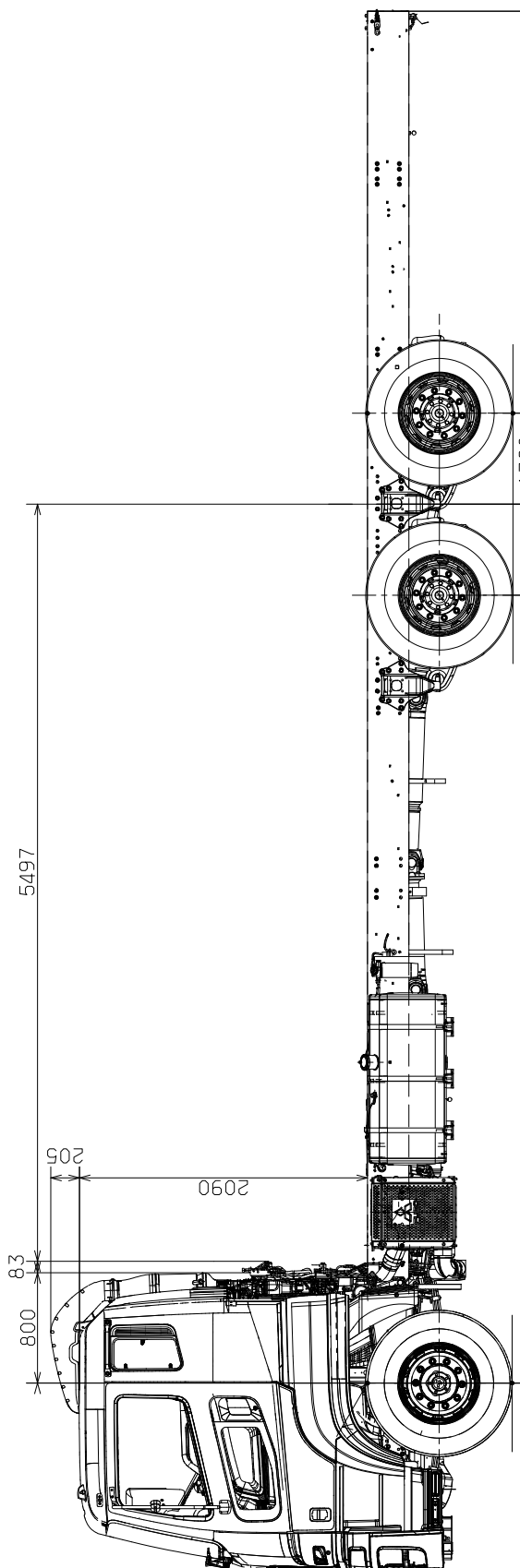
| Model | | Vehicle Ratings** | | Max Axle Loadings** | | Kerb Weights* | | |
|--|-------------|-------------------|--------|---------------------|--------|---------------|-------|-------|
| | | GVM | GCM | Front*** | Rear | Front | Rear | Total |
| 6x4 HD FV2441 12 Sp. AMT Air Suspension | FV54ST3VFAC | 24,000 | 50,000 | 7,100 | 21,600 | 4,430 | 3,590 | 8,020 |

* 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.

*** Subject to suitable tyres and certification

SPECIFICATIONS - FV2441 LWB



FV2441 LWB- 'T' WHEELBASE

PERFORMANCE

| | |
|--|------|
| Turning Circle (kerb to kerb - metres) | 20.6 |
| Road Speed (km/h) at Max Engine Speed | 117 |
| Engine speed (rpm) at 90km/h (top gear) | 1700 |
| Gradeability at Rated GCM (theoretical)* | 25% |

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

DIMENSIONS (mm)

| | |
|---------------------------|-------------------------------|
| Wheelbase | 6,380 |
| Length Overall | 11,320 |
| Height Overall | 3,300 |
| Width Overall | 2,490 |
| Width Rear Axle | 2,470 |
| Width Front Track | 2,050 |
| Width Rear Track | 1,850 |
| Width Frame | 840 |
| Height Frame at Rear Axle | Air Suspension inflated = 983 |

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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