

MEDIUM WHEELBASE

HD FV2538

6x4 / EATON MANUAL or AMT



Power/Torque:
273kW / 1,880Nm



Wheelbase:
4,300mm (K)



Suspension:
Steel

- 30,000km service intervals
- Class-leading comfort and ride
- Light chassis tare from 7,835kg
- Alloy fuel tank

SPECIFICATIONS - HD FV2538 MWB

MODEL

6x4 HD FV2538	13SP.	MAN	STEEL SUSP.	FV51SK2FAA
6x4 HD FV2538	12SP.	AMT	STEEL SUSP.	FV51SK2VFAA

WHEELBASE (mm)

4,300
4,300

GVM (kg)

25,400
25,400

GCM (kg)

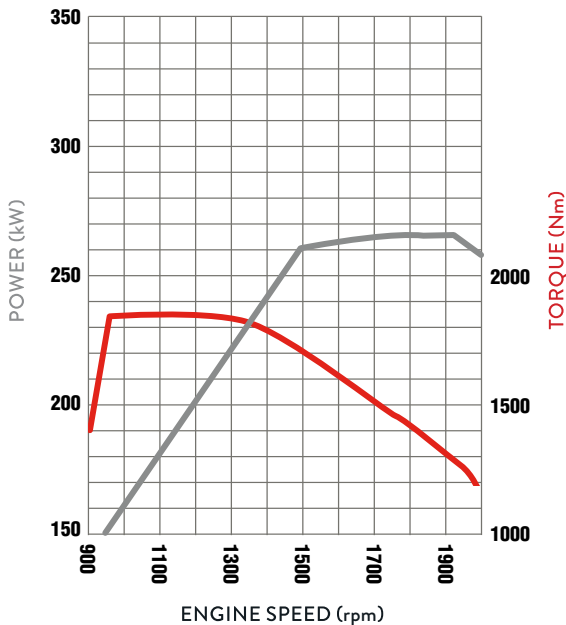
50,000
50,000

ENGINE

Engine Version	FUSO OM457-T2 Diesel
Configuration	6 Cyl. In-line OHV
Type	Waste-gate Turbocharged with Air to Air Intercooled
Displacement	12 litre (11,967cc)
Power ECE Nett	265kW @ 1900rpm
Torque ECE Nett	1,850Nm @ 1100rpm
Power (JIS Gross)*	273kw (371ps) @ 1900rpm
Torque (JIS Gross)*	1,880Nm (1383lbf) @ 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-T2



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	40 Litres, 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

	Man 13sp	AMT 12sp
Clutch Model	FUSO C14W40P	FUSO C12W43P
Type	Twin Dry Plate	Single Plate
Operation/Specification	Air Assisted Hydraulic	Automated Manual (no clutch pedal)

TRANSMISSION

	Man 13sp	AMT 12sp
Version	Eaton Manual RTLO-14913	FUSO Automated Manual G230-12 (INOMAT-II)
Type/Speeds	13 Speed Constant Mesh	12 Speed AMT with Auto and Manual Modes, Constant Mesh Non-synchromesh Transmission
Features	Counter-shaft Brake Oil Cooler	Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage Start gear select. Reverse Hi / Low
Ratios	1st: 12.306 2nd: 8.643 3rd: 6.106 4th: 4.426 5th: 3.232 6th: 2.288 7th: 1.952	8th: 1.617 9th: 1.379 10th: 1.172 11th: 1.000 12th: 0.855 13th: 0.730 RHigh: 3.500 RLow: 13.219
PTO Opening	Lower Transmission	LH Side and Rear

PROPELLER SHAFT

Type	Single Main Shaft GW5E2200, Inter-axle Shaft P12
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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	1,500 x 90mm Leaves

REAR AXLE

Type	Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock
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SPECIFICATIONS - HD FV2538 MWB

REAR AXLE

Axle Version	FUSO D10HT/10H	
Design Capacity (kg)	21,600	
Max Operating Capacity (kg)	21,600	
	Man 13sp	AMT 12sp
Ratio	5.142:1	4.625:1

REAR SUSPENSION

Type	Mechanical Suspension	
Details	Long Leaf Taper, 6 Rod Trunnion	
Size Main Leaves (mm)	1,320 x 90	

STEERING

Power Assisted	Tilt/Telescopic Adjustable Steering Wheel	
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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	Man 13sp 2 Stage Powertard + Exhaust brake	AMT 12sp 4 Stage Powertard + Exhaust brake with Shift Down Function
Compressor	636cc with air dryer	636cc with air dryer
Trailer Control Lever	Yes	Yes
Air tanks	Alloy	Alloy

WHEELS AND TYRES

Wheel Type	10x Single Piece Steel Disc	
Wheel Size	22.5 x 8.25DC-165-13t	
Wheel Stud Pattern	ISO 10x335mm PCD	
Tyre Size Front/Rear	295/80R22.5 / 11R22.5	

CHASSIS

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

OPTIONS

Reverse camera and navigation system
Flywheel (Live Drive) PTO on AMT model

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	ECE-R29 European Cab Strength Approved with 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 for Outside Seating Positions Lap Belt for Centre Seat
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 Heavy Duty Vinyl on floor
External	Roof Mounting Points (max. static load 50kg) Front End-Outline Marker Lamps Lift up front maintenance panel

KERB WEIGHTS AND MAX AXLE LOADS (kg)

Model		Vehicle Ratings**		Max Axle Loadings**		Kerb Weights*		
		GVM	GCM	Front***	Rear	Front	Rear	Total
HD FV2538 13sp. MAN Steel Susp.	FV51SK2FAA	25,400	50,000	7,100	21,600	4,395	3,540	7,935
HD FV2538 12sp. AMT Steel Susp.	FV51SK2VFAA	25,400	50,000	7,100	21,600	4,315	3,520	7,835

* 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.

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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

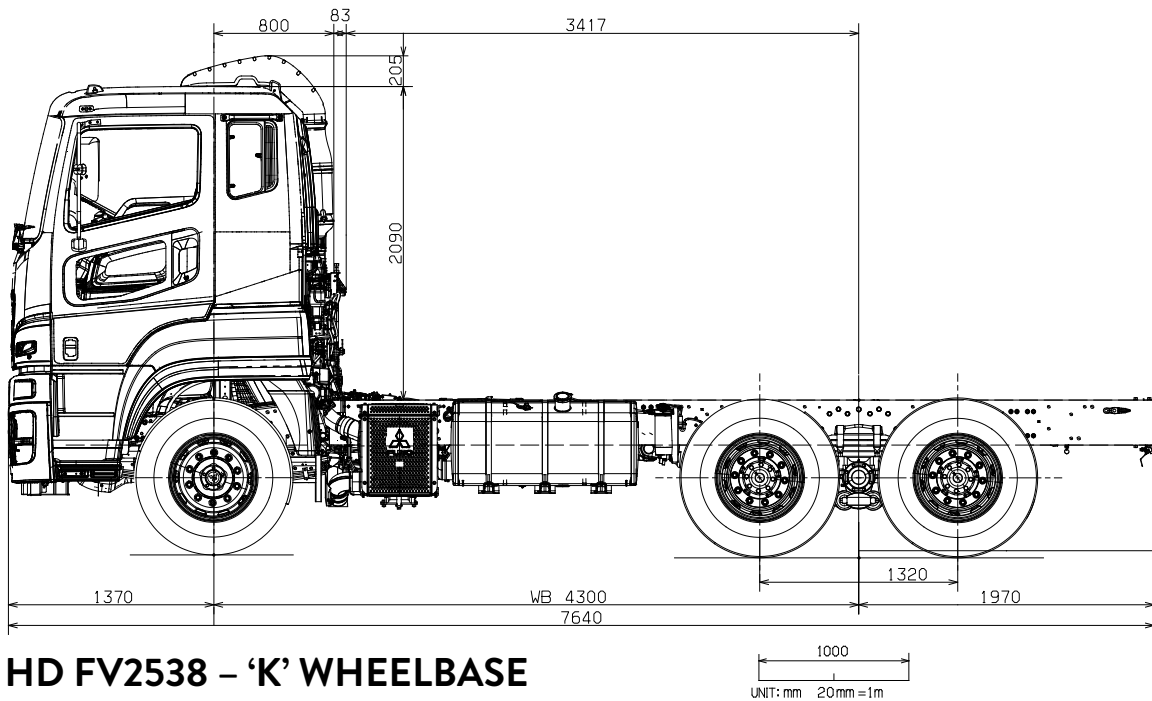
PERFORMANCE

Turning Circle (kerb to kerb - metres)	15.0	15.0
	Man 13sp	AMT 12sp
Road Speed (km/h) at Max Engine Speed	113	117
Engine Speed (rpm) 90km/hr (top gear)	1,775	1,700
Gradeability at Rated GCM (theoretical)*	47%	24%

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

DIMENSIONS (mm)

Wheelbase	4,300
Length Overall	7,640
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	1,058



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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