

# HEAVY FV54 6X4.

AMT / AIR SUSP. / XLWB

GVM

**24,000KG**

GCM

**50,000KG**

Power/Torque

**400HP/2,000NM**

Heavy rigid licence required



**40,000KM SERVICE INTERVALS**

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**FUSO**

# SPECIFICATIONS

## MODEL

6x4 FV54 Air Susp. XLWB 12 Sp. AMT (FV54ST3VFAC)

## WHEEL BASE

6380mm

## GVM (optional)

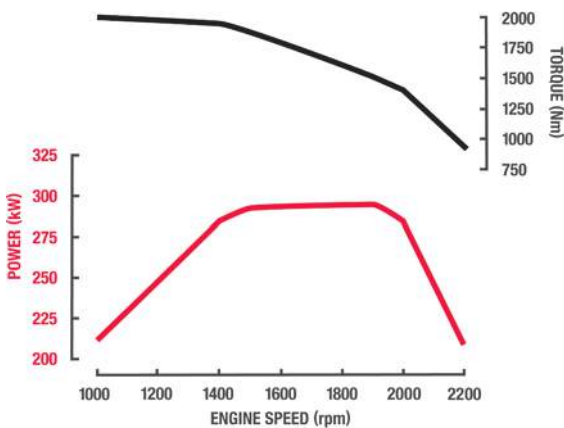
24,000kg

## GCM (optional)

50,000kg

### 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)
Bore	128mm
Stroke	155mm
Power (DIN)	295kW @ 1900 rpm
Torque (DIN)	2000Nm @ 1100 rpm
Maximum Engine Speed	2100 rpm
Cooling System / Oil Cooler	Water cooled, 32.0L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR)
Emission Level	ADR 80/03 - Euro 5



### FUEL

Injection System	Electronically Controlled Unit Pump Injection
Tank Type	Rectangular Alloy Tank with Locking Cap
Fuel Capacity *	400 Litres
Filtration	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity	40 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	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

### ELECTRICAL

Voltage	24V Negative Ground
Alternator Capacity	24V-80 amp
Starter Capacity	24V-7.0kW
Battery Capacity	2x12V, 150Ah/20hr
Battery Specification	2x145G51 (N150)
Headlamp Type	Halogen
Headlamp Capacity	Low beam 2x70W High beam 2x70W
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 Automated Manual with Auto and Manual Modes
Features	Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage
Ratios	1st: 11.672 2nd: 9.101 3rd: 7.055 4th: 5.501 5th: 4.400 6th: 3.430 7th: 2.652 8th: 2.068 9th: 1.603 10th: 1.250 11th: 1.000 12th: 0.779 RHigh: 9.101 RLow: 11.673 Torque limited to 1775Nm from 1st to 3rd and Reverse
PTO Opening	LH Side & Rear XMSN

### PROPELLER SHAFT

Type	Three Main Shafts GW5E2200 Inter-axle Shaft P10
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### FRONT AXLE

Axle Version	FUSO F090T
Type	Reverse Elliot 'I' Beam
Capacity *	7500kg
Notes	*See MAX LOADING for vehicle capacity.

### FRONT SUSPENSION

Type	Long Taper Leaf with Double Acting Shock Absorbers
Size	1500x90mm Leaves

### REAR AXLE

Type	Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock
Axle Version	FUSO R10/D10
Capacity*	21600kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacities

### REAR SUSPENSION

Type	Air Suspension
Details	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Road Friendly Certification	RF2011
Number	
Capacity at Ground *	18000kg total*
Notes	*See MAX LOADING for vehicle capacities

### MAX LOADING

Front	6500kg
Rear	18000kg
Total	24000kg

### STEERING

Type	Integral Ball and Nut
Steering Column	Tilt/Telescopic Adjustable

# HEAVY FV54 6X4.

AMT / AIR SUSP. / MWB

GVM

**24,000KG**

Heavy rigid licence required

GCM

**53,000KG**

Power/Torque

**455HP/2,200NM**



**40,000KM SERVICE INTERVALS**

[fuso.com.au](http://fuso.com.au)

**FUSO**

# SPECIFICATIONS

## MODEL

6x4 FV54 Air Susp 455hp. MWB 12 Sp. AMT (FV54SK5VFAA)

## WHEEL BASE

4300mm

## GVM (optional)

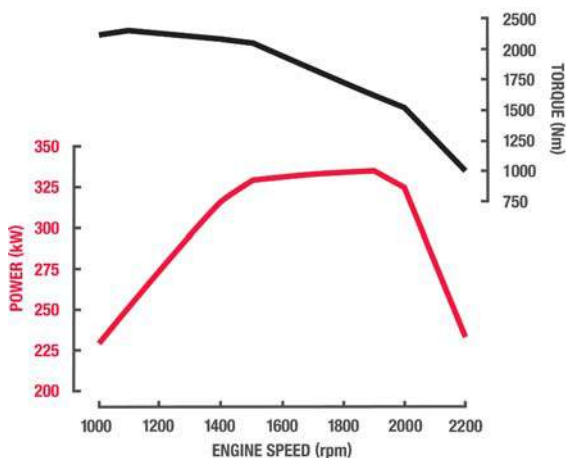
24,000kg

## GCM (optional)

53,000kg

### ENGINE

Engine Version	FUSO OM457-T5 Diesel
Configuration	6 Cyl. In-line OHV
Type	Waste-gate Turbocharged with Air to Air Intercooled
Displacement	12 litre (11967cc)
Bore	128mm
Stroke	155mm
Power (DIN)	335kW @ 1900 rpm
Torque (DIN)	2200Nm @ 1100 rpm
Maximum Engine Speed	2100 rpm
Cooling System / Oil Cooler	Water cooled, 32.0L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Selective Catalytic Reduction (SCR)
Emission Level	ADR 80/03 - Euro 5



### FUEL

Injection System	Electronically Controlled Unit Pump Injection
Tank Type	Rectangular Alloy Tank with Locking Cap
Fuel Capacity *	400 Litres
Filtration	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity	40 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	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

### ELECTRICAL

Voltage	24V Negative Ground
Alternator Capacity	24V-80 amp
Starter Capacity	24V-7.0kW
Battery Capacity	2x12V, 150Ah/20hr
Battery Specification	2x145G51 (N150)
Headlamp Type	Halogen
Headlamp Capacity	Low beam 2x70W High beam 2x70W
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 Automated Manual with Auto and Manual Modes
Features	Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage
Ratios	1st: 11.672 2nd: 9.101 3rd: 7.055 4th: 5.501 5th: 4.400 6th: 3.430 7th: 2.652 8th: 2.068 9th: 1.603 10th: 1.250 11th: 1.000 12th: 0.779 RHigh: 9.101 RLow: 11.673 Torque limited to 1775Nm from 1st to 3rd and Reverse
PTO Opening	LH Side & Rear XMSN

### PROPELLER SHAFT

Type	Single Main Shaft GW5E2200 Inter-axle Shaft P10
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### FRONT AXLE

Axle Version	FUSO F090T
Type	Reverse Elliot 'I' Beam
Capacity *	7500kg
Notes	*See MAX LOADING for vehicle capacity.

### FRONT SUSPENSION

Type	Long Taper Leaf with Double Acting Shock Absorbers
Size	1500x90mm Leaves

### REAR AXLE

Type	Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock Limited Slip Differential (LSD) to both Axles
Axle Version	FUSO R10/D10
Capacity*	21600kg
Ratio	4.625:1
Notes	*See MAX LOADING for vehicle capacities

### REAR SUSPENSION

Type	Air Suspension
Details	Trailing Arm with Air Dump Control and Double Acting Shock Absorbers
Road Friendly Certification Number	RF2011
Capacity at Ground *	18000kg total*
Notes	*See MAX LOADING for vehicle capacities

### MAX LOADING

Front	6500kg
Rear	18000kg
Total	24000kg

### STEERING

Type	Integral Ball and Nut
Steering Column	Tilt/Telescopic Adjustable

# HEAVY FV51 6X4.

MANUAL OR AMT / MECH SUSP. / MWB

GVM

**25,400KG**

GCM

**50,000KG TO  
53,000KG**

Power/Torque

**360HP/1,850NM TO  
455HP/2,200NM**

Heavy rigid licence required



**40,000 KM SERVICE INTERVALS**

[fuso.com.au](http://fuso.com.au)

**FUSO**

# SPECIFICATIONS

## MODEL

A	6x4 FV51 360hp MWB 13 Sp. MAN (FV51SK2FAA)
B	6x4 FV51 360hp MWB 12 Sp. AMT (FV51SK2VFAA)
C	6x4 FV51 455hp MWB 12 Sp. AMT (FV51SK5VFAA)

## WHEEL BASE

4300mm
4300mm
4300mm

## GVM (optional)

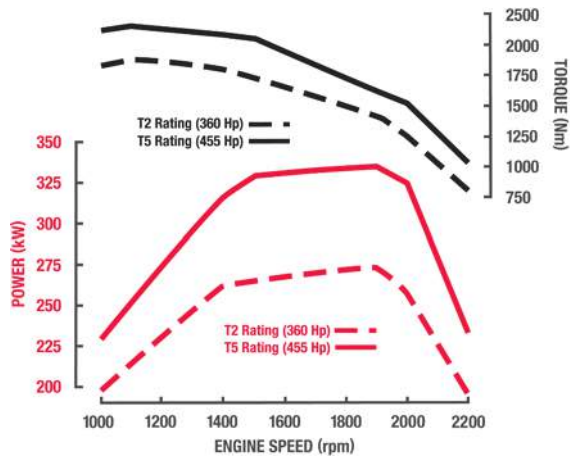
24,500kg
24,500kg
24,500kg

## GCM (optional)

50,000kg
50,000kg
53,000kg

## ENGINE

Engine Version Configuration	A B FUSO OM457-T2 Diesel 6 Cyl. In-line OHV	C FUSO OM457-T5 Diesel 6 Cyl. In-line OHV
Type	Waste-gate Turbocharged with Air to Air Intercooled	
Displacement	12 litre (11967cc)	
Bore	128mm	
Stroke	155mm	
Power (DIN)	A B 265kW @ 1900 rpm	C 335kW @ 1900 rpm
Torque (DIN)	A B 1850Nm @ 1100 rpm	C 2200Nm @ 1100 rpm
Maximum Engine Speed	A B 2100 rpm	C 2100 rpm
Cooling System / Oil Cooler	Water cooled, 32.0L capacity/ Plate type engine oil cooler	
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)	
Emission Control	Selective Catalytic Reduction (SCR)	
Emission Level	ADR 80/03 - Euro 5	



## FUEL

Injection System	Electronically Controlled Unit Pump Injection
Tank Type	Rectangular Alloy Tank with Locking Cap
Fuel Capacity *	400 Litres
Filtration	Filter with Water Separator and Dash Indicator
AdBlue Exhaust Fluid Capacity	40 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	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

## ELECTRICAL

Voltage	24V Negative Ground
Alternator Capacity	24V-80 amp
Starter Capacity	24V-7.0kW
Battery Capacity	2x12V, 150Ah/20hr
Battery Specification	2x145G51 (N150)
Headlamp Type	Halogen
Headlamp Capacity	Low beam 2x70W High beam 2x70W
Fog Light	Halogen

## CLUTCH

Clutch Model	A FUSO C14W40P	B C FUSO C12W43P
Type	Twin Dry Plate	
Operation/Specification	Air Assisted Hydraulic	Automated Manual (no clutch pedal)

## TRANSMISSION

Version	A Eaton Manual RTLO-14913	B C FUSO Automated Manual G230-12 (INOMAT-II)
Type/Speeds	13 Speed Constant Mesh	12 Speed Automated Manual with Auto and Manual Modes
Features	Counter-shaft Brake Oil Cooler	Crawler Mode Skip Shift Function for Light Loads ECO Mode to Minimise Fuel Usage
Ratios	1st: 12.310 2nd: 8.640 3rd: 6.110 4th: 4.430 5th: 3.230 6th: 2.290 7th: 1.950 8th: 1.620 9th: 1.380 10th: 1.170 11th: 1.000 12th: 0.860 13th: 0.730 RHigh: 3.500 RLow: 13.220	1st: 11.672 2nd: 9.101 3rd: 7.055 4th: 5.501 5th: 4.400 6th: 3.430 7th: 2.652 8th: 2.068 9th: 1.603 10th: 1.250 11th: 1.000 12th: 0.779 RHigh: 9.101 RLow: 11.673 Torque limited to 1775Nm from 1st to 3rd and Reverse
PTO Opening	Lower Transmission	LH Side and Rear of XMSM

## PROPELLER SHAFT

Type	Single Main Shaft GW5E2200 Inter-axle Shaft P12
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## FRONT AXLE

Axle Version	FUSO F090T
Type	Reverse Elliot 'I' Beam
Capacity *	7500kg
Notes	*See MAX LOADING for vehicle capacity.

## FRONT SUSPENSION

Type	Long Taper Leaf with Double Acting Shock Absorbers
Size	1500x90mm Leaves

## REAR AXLE

Type	Full Floating Hypoid Type Tandem Drive with Inter-Axle Diff Lock	
Axle Version	FUSO R10/D10	
Capacity*	21600kg	
Ratio	A 5.142:1	B C 4.625:1
Notes	*See MAX LOADING for vehicle capacities	