



# THE POWER TO DO IT ALL

A powerful investment with the muscle to deliver exceptional value, the FUSO FM/FV Dump Truck is ready to become your company's greatest asset. Built to maximise hauling capacity and with the grunt you need to keep going, there's no industry too tough for this truck. With its fuel-efficient six-cylinder engine to its spacious and comfortable interior, the FM/FV Dump Truck allows you to get tough jobs done with comfort and ease.



**FM 657 (10 Ton.) Dump**



**FV 517 (15 Ton.) Dump**

*\*Available in Single or Double Cab and Chassis.*

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Sales Representative



MITSUBISHI FUSO authorised distributor  
**ANSA MOTORS Chaguanas**  
[www.ansamotorstt.com](http://www.ansamotorstt.com)

# FM657 (10 Ton.) DUMP SPECIFICATIONS

## MODEL

Model	SERIES	FM657 SERIES
	R.H.D.	FM657FDR

## ENGINE

Model	MITSUBISHI FUSO 6D16-1A
Type	4 stroke-cycle, water-cooled direct injection diesel engine
No. of cylinders	6 in line
Piston displacement	11.945 l (729 cu.in.)
Max. output *2	140 kW (190 PS) (JIS), 134 kW (182 PS) (DIN), 137 kW (184 hp) (SAE, Gross) at 2,900 rpm (48.3 r/s)*2
Max. torque *4	520 N.m (53.0 kgf.m, 383 lb.ft) (JIS), 506 N.m (51.6 kgf.m, 373 lb.ft) (DIN), 498 N.m (50.8 kgf.m, 368 lbft) (SAE, Gross) at 1,400 rpm (23.3 r/s)
Air cleaner	Cyclonic dry paper element, 218.9 mm (8.6 in.) outside dia. with air restriction indicator
Alternator	24 Volt, 35 Amp

## DRIVE LINE

Clutch	Hydraulic control, coil spring, single dry plate with power cylinder
Transmission	5 forward and 1 reverse speed, 2nd to 5th synchromesh, 1st and Rev. constantmesh gears
Gear ratios	6.875-4.189-2.460-1.542-1.000, Rev. 6.875
Final reduction gear	Single reduction, hypoid gear
ratio	5.571

## CHASSIS

Axle	Front	Reverse Elliot, "I" beam
	Rear	Full floating type
Tire	Front	Single, 9.00R20-14PR
	Rear	Dual, 9.00R20-14PR
Steering	Ball-nut type with integral type hydraulic power booster, Telescopic and tilt steering column with steering lock	
Suspension	Semi-elliptic, laminated leaf springs	
Shock absorbers	Hydraulic single acting telescopic type on front axle	
Brake	service	Air over hydraulic, dual circuit
	parking	Internal expanding, type on propeller shaft at rear of transmission
	exhaust	Air operated, butterfly valve type
Fuel tank capacity	100 lit. (dm <sup>3</sup> ) (22.0 Imp. gal. or 26.4 U.S. gal.)	
Electrical system-batteries	24 Volt, regulated control - 12 Volt x 2,65 Ah (234 kC) at 20 hr rate (65D23R) 52 Ah (187 kC) at 5 hr rate (65D23R)	

## CAB

Construction	Tilt type with torsion bars, all steel welded construction
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## DIMENSIONS mm (in.)

Wheelbase	3,680 (144.9)	
Overall length	6,705 (264.0)	
Overall width	2,425 (95.5)	
Overall height, approx.	2,690 (105.9)	
Tread	Front	1,925 (75.6)
	Rear	1,820 (71.7)
Ground clearance, approx.	250 (9.8)	
Cab to rear axle (C.A.)	2,935 (115.6)	
Cab to end of frame (C.E.)	4,635 (182.5)	
Frame width	840 (33.1)	
Front overhang	1,245 (49.0)	
Rear overhang	1,700 (66.9)	

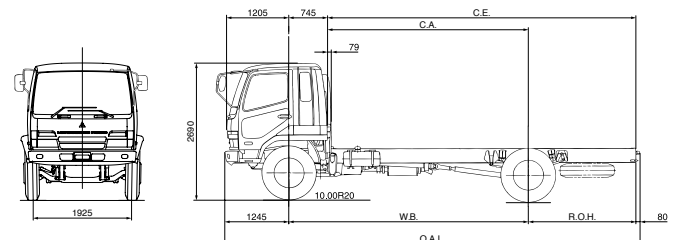
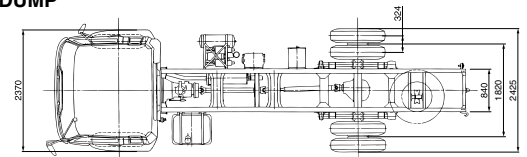
## WEIGHTS kg (lb)

Kerb weight *1	4,120 (9,085)
Max. G.V.W.	15,100 (33,290)

## CALCULATED PERFORMANCE

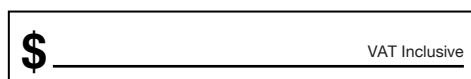
Max. Speed km/h (mph)	88 (54.7)
Max. gradeability (tan θ) %	27.5
Min. turning radius m (ft)	6.5 (21.3)

## FM657 (10 Ton.) DUMP



## ANNOTATIONS

- \*1 Kerb weights shown are subject to 3.5% variation to allow for production tolerances. Kerb weights include weight of oil, fuel, coolant but exclude spare tire carrier & bracket, spare tire & disc wheel and standard tool set.
- \*2 Max. speed of 6D16-1A engine is 3,100 rpm (51.7 r/s).
- \*3 257 kW (350 PS) (JIS), 248 kW (337 PS) (DIN), 246 kW (330 hp) (SAE, Gross) at 2,200 rpm (36.7 r/s)
- \*4 1,420 N.m (145 kgf.m, 1,049 lb.ft) (JIS), 1,383 N.m (141 kgf.m, 1,020 lb.ft) (DIN), 1,398 N.m (143 kgf.m, 1,031 lb.ft) (SAE, Gross) at 1,400 rpm (23.3 r/s)
- \*5 Full air, fual circuit, drum wedge type with spring loaded maxi chambers on 1st & 2nd rear wheels
- \*6 Spring loaded type parking brake on 1st & 2nd rear wheel with air tabnk release, 23 lit. (dm<sup>3</sup>) (5.06 Imp. gal. or 6.08 U.S. gal.)



# FV517 (15 Ton.) DUMP SPECIFICATIONS

## MODEL

<b>Model</b>	SERIES	FV517 SERIES
	R.H.D.	FV517JD1R

## ENGINE

<b>Model</b>	MITSUBISHI FUSO 6D24-0AT1
<b>Type</b>	4 stroke-cycle, water-cooled direct injection diesel engine
<b>No. of cylinders</b>	6 in line
<b>Piston displacement</b>	11.945 l (729 cu.in.)
<b>Max. output *2</b>	235 kW (320 PS) (JIS), 227 kW (308 PS) (DIN), 225 kW (301 hp) (SAE, Gross) at 2,200 rpm (36.7 r/s)*3
<b>Max. torque *4</b>	1,225 N.m (125 kgf.m, 904 lb.ft) (JIS), 1,196 N.m (122 kgf.m, 882 lb.ft) (DIN), 1,206 N.m (123 kgf.m, 890 lb.ft) (SAE, Gross) at 1,400 rpm (23.3 r/s)
<b>Air cleaner</b>	Dry paper element, 356 mm x 330 mm (14 in. x 13 in.) outside dia. With air restriction indicator
<b>Alternator</b>	24 Volt, 35 Amp

## DRIVE LINE

<b>Clutch</b>	Hydraulic control, coil spring, single dry plate with air pressure assistance
<b>Transmission</b>	See Drive Line Combinations Table
<b>Gear ratios</b>	See Drive Line Combinations Table
<b>Final reduction gear</b>	See Drive Line Combinations Table
<b>ratio</b>	5. See Drive Line Combinations Table

## CHASSIS

<b>Axle</b>	<b>Front</b>	Reverse Elliot, "I" beam
	<b>Rear</b>	Tandem drive, full floating type axles with inter-axle differential gear and locking device
<b>Tire</b>	<b>Front</b>	See Optional Equipment Table
	<b>Rear</b>	See Optional Equipment Table
<b>Steering</b>		Ball-nut type with integral type hydraulic power booster, Telescopic and tilt steering column with steering lock
<b>Suspension</b>		Semi-elliptic, laminated leaf springs
<b>Shock absorbers</b>		Inverted semi-elliptic, laminated leaf springs with trunnio base and radius rods
<b>Brake</b>	<b>service</b>	Air over hydraulic, dual circuit
	<b>parking</b>	Internal expanding, type on propeller shaft at rear of transmission
	<b>exhaust</b>	Air operated, butterfly valve type
<b>Fuel tank capacity</b>		200 lit. (dm <sup>3</sup> ) (44.0 Imp. gal. or 52.8 U.S. gal.)
<b>Electrical system-batteries</b>		24 Volt, regulated control- 12 Volt x 2, 120 Ah (432 kC) at 20 hr rate (115F51) 96 Ah (346 kC) at 5 hr rate (115F51)

## CAB

<b>Construction</b>	Tilt type with torsion bars, all steel welded construction
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## DIMENSIONS mm (in.)

<b>Wheelbase</b>	4,520 (178.0)
<b>Overall length</b>	7,280 (286.6)
<b>Overall width</b>	2,490 (98.0)
<b>Overall height, approx.</b>	2,860 (112.6)
<b>Tread</b>	<b>Front</b> 2,050 (80.7)
	<b>Rear</b> 1,850 (72.8)
<b>Ground clearance, approx.</b>	250 (9.8)
<b>Cab to rear axle (C.A.)</b>	3,820 (150.4)
<b>Cab to end of frame (C.E.)</b>	5,130 (202.0)
<b>Frame width</b>	840 (33.1)
<b>Front overhang</b>	1,370 (53.9)
<b>Rear overhang</b>	1,310 (51.6)

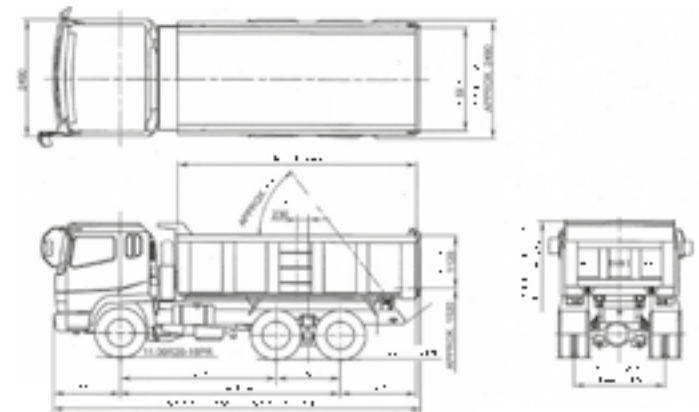
## WEIGHTS kg (lb)

<b>Kerb weight *1</b>	7,255 (15,995)
<b>Max. G.V.W.</b>	27,600 (60,847)

## CALCULATED PERFORMANCE

<b>Max. Speed km/h (mph)</b>	See Drive Line Combinations Table
<b>Max. gradeability (tan θ) %</b>	See Drive Line Combinations Table
<b>Min. turning radius m (ft)</b>	6.9 (22.6)

## FV517 (15 Ton.) DUMP



## ANNOTATIONS

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