

**FVM 1200** 

Specification Sheet

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FVM 1200	AXLE LAYOUT	6X2	CONTROL	FORWARD
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MASS	
Permissible Body + Payload (kg)	17 370
Tare Total (T) (kg)	6 630
Front Tare (kg)	3 190
Rear Tare (kg)	3 440
GVM (kg)	24 000
V (kg)	24 000
GCM (kg)	32 000
D/T (kg)	32 000
Front Axle - GA/GAU (kg)	7 100
Front Axle - A/AU (kg)	6 300
Rear Axle – GA/GAU (kg)	21 000
Rear Axle – A/AU (kg)	18 000
Litres of Fuel Tank 1 Included in Tare	15
Litres of Fuel Tank 2 Included in Tare	15
Tools Included in Tare	Jack, Warning Triangle, Basic Tool Kit
Spare Wheel Included in Tare	Yes
PERFORMANCE	
Gradeability @ V (%)	25
Gradeability @ D/T (%)	19
Max. Geared Road Speed (Without SLD)	108
Max. Allowable Speed (SLD for SA)	80
MAJOR DIMENSIONS	
Overall Length	9 730
Overall Width (mm)	2 400
Wheelbase (mm)	5 700
CA - Cab to Bogie / Rear Axle (mm)	5 074
CE – Cab to End of Chassis (mm)	7 664
OH - Overall Height (mm)	2 790
FOH - Front Overhang (mm)	1 440
ROH - Rear Overhang (mm)	2 590
Rear Axle Bogie Spacing (mm)	1 300
1/2 Rear Axle Bogie Spacing (mm)	650
EH – Chassis Rear End Height (mm)	1 070
HH – Ground Clearance (mm)	257
Rear Chassis Width (mm)	850
Turning Radius - Curb to Curb (mm)	9 200
Turning Radius - Wall to Wall (mm)	10 200

FNCINE			
ENGINE			
Make	Isuzu		
Model	6HK1-TCN		
Capacity (cm³)	7 790.0		
Layout	Diesel Inline-6		
Туре	Turbocharged Intercooled Common Rail		
Power @ r/min (kW)	176 @ 2 400		
Torque @ r/min (Nm)	706 @ 1 450 - 2 400		
Standard Emissions	Euro 2		
CLUTCH			
Make	Exedy		
Model	380		
Туре	Single		
Diameter (mm)	381		
Operation	Hydraulic Air-Assisted		
TRANSMISSION			
Make	ZF		
Model	6 S 1000		
Туре	Synchromesh		
Shift	Manual Gearshift		
No. of Gears Forward	6		
First Gear Ratio : 1	6.75		
Top Gear Ratio : 1	0.78		
Permament 4x4	No		
Central Differential lock	No		
Limited Slip differential	No		
PTO (Power Take-Off)	Optional		
DRIVE AXLE			
Make	lsuzu		
Axle Model - Front	F071		
Drive Axle Model - Rear	D108		
Reduction Type	Standard		
Final Ratio : 1	6.429		
SUSPENSION			
Front	Multi-Leaf Springs		
Rear	Multi-Leaf Springs		
Shock Absorbers	Front		

Front

PowerBRAKESSystem TypeFull AirFrontDrumsRearDrumsAnti-Lock Braking System (ABS)StandardPark / Emergency SystemSpringExhaust BrakeStandardEngine BrakeNoRetarderNoELECTRICAL & FUELFuel Tank 1 Capacity (Litres)400Fuel Tank 2 Capacity (Litres)0TYRESSize & Ply Rating - Front11 R22.5 - 16PRSize & Ply Rating - Rear11 R22.5 - 16PRCAB & EXTRASValueTypeMediumRoofLowNo. of Bunks0No. of Seats3Air-ConditioningOptionalRadio / CD / SpeakersOptionalCentral LockingStandardElectric WindowsStandardTachographOptionalOn-Board ComputerNo	STEERING			
Front Drums Rear Drums Anti-Lock Braking System (ABS) Standard Park / Emergency System Spring Exhaust Brake Standard Engine Brake No Retarder No ELECTRICAL & FUEL Fuel Tank 1 Capacity (Litres) 400 Fuel Tank 2 Capacity (Litres) 0 TYRES Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR CAB & EXTRAS Type Medium Roof Low No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional		Power		
Front Drums Rear Drums Anti-Lock Braking System (ABS) Standard Park / Emergency System Spring Exhaust Brake Standard Engine Brake No Retarder No ELECTRICAL & FUEL Fuel Tank 1 Capacity (Litres) 400 Fuel Tank 2 Capacity (Litres) 0  TYRES Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR CAB & EXTRAS Type Medium Roof Low No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	BRAKES			
Rear Drums Anti-Lock Braking System (ABS) Standard Park / Emergency System Spring Exhaust Brake Standard Engine Brake No Retarder No  ELECTRICAL & FUEL Fuel Tank 1 Capacity (Litres) 400 Fuel Tank 2 Capacity (Litres) 0  TYRES Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR CAB & EXTRAS Type Medium Roof Low No. of Bunks 0 No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	System Type	Full Air		
Anti-Lock Braking System (ABS)  Park / Emergency System  Exhaust Brake  Engine Brake  No  Retarder  No  ELECTRICAL & FUEL  Fuel Tank 1 Capacity (Litres)  Fuel Tank 2 Capacity (Litres)  Size & Ply Rating - Front  Size & Ply Rating - Rear  CAB & EXTRAS  Type  Medium  Roof  Low  No. of Bunks  No. of Seats  Air-Conditioning  Radio / CD / Speakers  Central Locking  Electric Windows  Tachograph  Standard  Standard  Spring  Standard  Standard  Spring  Standard  Spring  Standard  Spring  Standard  Spring  Modium  Roo  Optional  Standard  Standard  Optional	Front	Drums		
Park / Emergency System  Exhaust Brake  Engine Brake  Retarder  No  ELECTRICAL & FUEL  Fuel Tank 1 Capacity (Litres)  Fuel Tank 2 Capacity (Litres)  Size & Ply Rating - Front  Size & Ply Rating - Rear  CAB & EXTRAS  Type  Medium  Roof  Low  No. of Bunks  O  No. of Seats  Air-Conditioning  Radio / CD / Speakers  Central Locking  Electric Windows  Standard  Electric Windows  Standard  Standard  Standard  Standard  Standard  Standard  Standard  Optional	Rear	Drums		
Exhaust Brake Standard Engine Brake No Retarder No  ELECTRICAL & FUEL Fuel Tank 1 Capacity (Litres) 400 Fuel Tank 2 Capacity (Litres) 0  TYRES Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR CAB & EXTRAS Type Medium Roof Low No. of Bunks 0 No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	Anti-Lock Braking System (ABS)	Standard		
Engine Brake No  Retarder No  ELECTRICAL & FUEL  Fuel Tank 1 Capacity (Litres) 400  Fuel Tank 2 Capacity (Litres) 0  TYRES  Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS  Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	Park / Emergency System	Spring		
Retarder No  ELECTRICAL & FUEL  Fuel Tank 1 Capacity (Litres) 400  Fuel Tank 2 Capacity (Litres) 0  TYRES  Size & Ply Rating - Front 11 R22.5 - 16PR  Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS  Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	Exhaust Brake	Standard		
ELECTRICAL & FUELFuel Tank 1 Capacity (Litres)400Fuel Tank 2 Capacity (Litres)0TYRESSize & Ply Rating - Front11 R22.5 - 16PRSize & Ply Rating - Rear11 R22.5 - 16PRCAB & EXTRASTypeMediumRoofLowNo. of Bunks0No. of Seats3Air-ConditioningOptionalRadio / CD / SpeakersOptionalCentral LockingStandardElectric WindowsStandardTachographOptional	Engine Brake	No		
Fuel Tank 1 Capacity (Litres) 400  Fuel Tank 2 Capacity (Litres) 0  TYRES  Size & Ply Rating - Front 11 R22.5 - 16PR  Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS  Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	Retarder	No		
Fuel Tank 2 Capacity (Litres)  TYRES  Size & Ply Rating - Front  Size & Ply Rating - Rear  11 R22.5 - 16PR  CAB & EXTRAS  Type  Medium  Roof  Low  No. of Bunks  0  No. of Seats  Air-Conditioning  Radio / CD / Speakers  Central Locking  Electric Windows  Tachograph  O  O  O  O  O  O  O  O  O  O  O  O  O	ELECTRICAL & FUEL			
TYRES Size & Ply Rating - Front 11 R22.5 - 16PR Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS Type Medium Roof Low No. of Bunks 0 No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	Fuel Tank 1 Capacity (Litres)	400		
Size & Ply Rating - Front Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS  Type Medium  Roof Low  No. of Bunks 0 No. of Seats 3 Air-Conditioning Optional  Radio / CD / Speakers Central Locking Standard  Electric Windows Tachograph Optional	Fuel Tank 2 Capacity (Litres)	0		
Size & Ply Rating - Rear 11 R22.5 - 16PR  CAB & EXTRAS  Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	TYRES			
Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	Size & Ply Rating – Front	11 R22.5 - 16PR		
Type Medium  Roof Low  No. of Bunks 0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Standard  Tachograph Optional	Size & Ply Rating – Rear	11 R22.5 - 16PR		
Roof Low No. of Bunks 0 No. of Seats 3 Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	CAB & EXTRAS			
No. of Bunks  0  No. of Seats 3  Air-Conditioning Optional  Radio / CD / Speakers Optional  Central Locking Standard  Electric Windows Tachograph Optional	Туре	Medium		
No. of Seats  Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Tachograph Optional	Roof	Low		
Air-Conditioning Optional Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	No. of Bunks	0		
Radio / CD / Speakers Optional Central Locking Standard Electric Windows Standard Tachograph Optional	No. of Seats	3		
Central Locking Standard Electric Windows Standard Tachograph Optional	Air-Conditioning	Optional		
Electric Windows Standard Tachograph Optional	Radio / CD / Speakers	Optional		
Tachograph Optional	Central Locking	Standard		
	Electric Windows	Standard		
On-Board Computer No	Tachograph	Optional		
	On-Board Computer	No		
Tilt Cab Yes	Tilt Cab	Yes		

Stabilisers