



ISUZU FVM 1200

SMOD		M220FP1
Axle layout		6X2
Control		Forward

MASS		
Permissible body + payload	kg	18070
Tare - total (T)	kg	7030
Tare - front	kg	3360
Tare - rear	kg	3670
GVM	kg	25100
V	kg	25100
GCM	kg	32000
D/T	kg	32000
Axle - front GA/GAU	kg	7100
Axle - front A/AU	kg	7100
Axle - rear GA/GAU	kg	21000
Axle - rear A/AU	kg	18000
Litres of fuel tank 1 included in tare	ltrs	15
Litres of fuel tank 2 included in tare	ltrs	15
Tools included in tare	Jack, warning triangle, basic tool kit	
Spare wheel included in tare		Yes

PERFORMANCE		
Gradeability at V	%	35
Gradeability at D/T	%	28
Max. geared road speed (Without SLD)	km/h	108
Max allowable speed (SLD for SA)	km/h	80

MAJOR DIMENSIONS		
Overall length	mm	9730
Overall width	mm	2400
Wheelbase	mm	5700
CA - cab to bogie/rear axle	mm	5074
CE - Cab to end of Chassis	mm	7664
OH - Overall height	mm	2885
FOH - Front overhang	mm	1440
ROH - Rear overhang	mm	2590
Rear axle bogie spacing	mm	1300
1/2 rear axle bogie spacing	mm	650
EH - Chassis height rear	mm	1070
HH - Ground Clearance	mm	257
Chassis Width Rear	mm	850
Turning radius (curb to curb)	mm	10800
Turning radius (wall to wall)	mm	11800

ENGINE		
Make		ISUZU
Model		6HK1-TCS
Capacity	cm3	7790
Layout		Diesel inline 6

ENGINE (CONTINUED)		
Type		Turbocharged Intercooled Common Rail
Power at r/min	kW	221 @ 2400
Torque at r/min	Nm	980 @ 1450 - 2400
Emissions standard		Euro 3

CLUTCH		
Make		Exedy
Model		380
Type		Single
Diameter	mm	381
Operation		Hydraulic Air Assisted

TRANSMISSION		
Make		ZF
Model		9 S 1110
Type		Synchromesh
Shift		Manual Gearshift
No. of gears forward		9
Crawler Gear ratio		9,479
1st gear ratio		6.576
2nd gear ratio		4.678
3rd gear ratio		3.478
4th gear ratio		2.617
5th gear ratio		1.890
6th gear ratio		1.345
7th gear ratio		1.000
8th gear ratio		0.752
9th gear ratio		-
Rev		8.967
Permanent 4X4		No
Central Differential lock		No
Rear Differential lock		No
Limited Slip differential		No
PTO		PTO Ready

DRIVE AXLE		
Make		ISUZU
Model Drive axle front		F071
Model Drive axle rear		D108
Hypoid		Standard
Final ratio	:1	5.571

SUSPENSION		
Front		Multi-leaf springs

SUSPENSION (CONTINUED)		
Rear		Multi-leaf springs
Shock absorbers		Front
Stabilisers		Front

STEERING		
Operation		Power

BRAKES		
System type		Full air
Front		Drums
Rear		Drums
Anti-lock braking system (ABS)		Standard
Park/emergency system		Spring
Exhaust brake		Standard
Engine brake		No
Retarder		No
Hill Start Assist (HSA)		No

ELECTRICAL & FUEL		
Fuel tank 1 capacity	ltrs	400
Fuel tank 2 capacity	ltrs	-

TYRES		
Size and ply rating - front & rear (Tubeless - Opt)		-
Size and ply rating - front		315/80 R22.5
Size and ply rating - rear		315/80 R22.5

CAB & EXTRAS		
Type		Medium
Roof		Low
No. of bunks		0
No. of seats		3
Airconditioning		Standard
Radio/USB		Standard
Speakers		Standard
USB Charger		Standard
Daytime Running Lights (DRL)		Standard
Telematics		Standard
Driver and far passenger airbags		Standard
Central locking		Standard
Electric windows		Standard
Tachograph		Optional
On-board computer		No
Tilt cab		Yes