



ISUZU FTS 750 4X4 SWA

SMOD		M220FL6
Axle layout		4X4
Control		Forward

MASS		
Permissible body + payload	kg	8160
Tare - total (T)	kg	5040
Tare - front	kg	3130
Tare - rear	kg	1910
GVM	kg	13900
V	kg	13200
GCM	kg	18000
D/T	kg	18000
Axle - front GA/GAU	kg	5200
Axle - front A/AU	kg	5200
Axle - rear GA/GAU	kg	9200
Axle - rear A/AU	kg	8000
Litres of fuel tank 1 included in tare	ltrs	15
Litres of fuel tank 2 included in tare	ltrs	-
Tools included in tare	Jack, warning triangle, basic tool kit	
Spare wheel included in tare		Yes

PERFORMANCE		
Gradeability at V	%	63
Gradeability at D/T	%	46
Max. geared road speed (Without SLD)	km/h	111
Max allowable speed (SLD for SA)	km/h	80

MAJOR DIMENSIONS		
Overall length	mm	7405
Overall width	mm	2400
Wheelbase	mm	4250
CA - cab to bogie/rear axle	mm	3440
CE - Cab to end of Chassis	mm	5340
OH - Overall height	mm	2975
FOH - Front overhang	mm	1255
ROH - Rear overhang	mm	1900
Rear axle bogie spacing	mm	N/A
1/2 rear axle bogie spacing	mm	N/A
EH - Chassis height rear	mm	1180
HH - Ground Clearance	mm	257
Chassis Width Rear	mm	850
Turning radius (curb to curb)	mm	9000
Turning radius (wall to wall)	mm	9850

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	176 @ 2400
Torque at r/min	Nm	706 @ 1450 - 2400
Emissions standard		Euro 2

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

TRANSMISSION		
Make		ISUZU
Model		MZW6P
Type		Synchromesh
Shift		Manual Gearshift
No. of gears forward		6
Crawler Gear ratio		-
1st gear ratio		6.615H / 12.65L
2nd gear ratio		4.095H / 7.83L
3rd gear ratio		2.358H / 4.51L
4th gear ratio		1.531H / 2.93L
5th gear ratio		1H / 1.91L
6th gear ratio		0.722H / 1.38L
7th gear ratio		-
8th gear ratio		-
9th gear ratio		-
Rev		6.615
Permanent 4X4		Yes
Central Differential lock		Yes
Rear Differential lock		Standard
Limited Slip differential		No
PTO		PTO Ready

DRIVE AXLE		
Make		ISUZU
Model Drive axle front		F0D47
Model Drive axle rear		R092
Hypoid		Standard
Final ratio	:1	5.571

SUSPENSION		
Front		Multi-leaf springs

SUSPENSION (CONTINUED)		
Rear		Multi-leaf springs
Shock absorbers		Front
Stabilisers		No

STEERING		
Operation		Power

BRAKES		
System type		Air over hydraulic
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	200
Fuel tank 2 capacity	ltrs	0

TYRES		
Size and ply rating - front & rear (Tubeless - Opt)		-
Size and ply rating - front		365/85 R20
Size and ply rating - rear		365/85 R20

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