

# FTS800

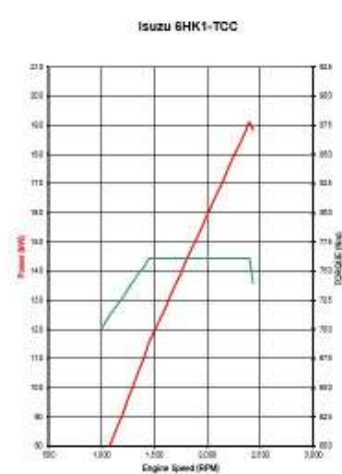


# 4x4

MODEL	FTS800	FTS800 auto *(off-road)
GVM (kg)	13,900	13,900
GCM (kg)	26,500	*18,000/20,500
Max Power (Kw)	191	191
Max Torque (Nm)	760	760
Wheelbase (mm)	4250	4250
Suspension	steel	steel



ENGINE			
Engine Model	ISUZU 6HK1-TCC	Type	6 cyl 24 valve, SOHC
Displacement	7,790cc	Compression Ratio	17.5:1
Max Power (DIN Nett)	191 kW (260 HP) @2,400 RPM		
Max Torque (DIN Nett)	760 Nm (560 lb.ft) @1,450 - 2400 RPM		
Emission Control System	Euro V, Cooled EGR with exhaust Diesel Particulate Diffuser (DPD)		
Fuel System	Electronically controlled direct injection, high pressure common rail 200 litre fuel tank with lockable fuel cap		
Air Intake System	Electronically controlled variable nozzle turbo charger with air-to-air intercooler		



CLUTCH & ENGINE DRIVEN PTO		PERFORMANCE	
Standard:	Air assisted hydraulic control. Single plate 381 mm diameter. Total lining area: 1,363 cm	Eng rpm (top gear ,90km/h):1954 (man)	Speed Limit: limited to: 100Kmh
Engine PTO: (PTO model only)	0.7 x engine speed. 353 Nm maximum output torque.	Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip) man 70% & auto 65%	

TRANSMISSION							
Manual:	ISUZU MZW-6P						
standard	Isuzu T56, Full time 4WD, centre diff lock, High ratio 1.00:1, Low 1.913:1						
Ratios (:1)	1st	2nd	3rd	4th	5th	6th	Rev
	3.51,	1.90,	1.44,	1.00,	0.74,	0.64,	5.09
Auto (optional)	Allison LCT2500 6 speed automatic. 5th generation,						
Ratios (:1)	1st: 3.51, 2nd: 1.90, 3rd: 1.44, 4th: 1.00, 5th: 0.74, 6th: 0.64, Rev 5.09						
PTO	Manual - LHS of transmission case. PTO drive from mainshaft. Auto - LHS & RHS openings on case. Torque convertor driven drive gear						

AXLES	
Front	Isuzu F047. 4,700Kgs capacity
Rear	Isuzu R092/ Full floating banjo type. "No-spin" differential lock. 9,200Kg capacity
Ratio	5.857:1, auto 6.5:1

WHEELS AND TYRES	
<ul style="list-style-type: none"> <li>22.5x8.25x165mm 10-stud steel wheel rims</li> <li>Steer axle 11R22.5 148/145K Michelin XZY 3 Tubeless</li> <li>Drive axle 11R22.5 148/145K Michelin XDY 3 Tubeless</li> <li>Silver painted wheel rims, frame mounted spare wheel. White painted wheels (auto)</li> </ul>	

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
Front Suspension <ul style="list-style-type: none"> <li>Single stage alloy steel taper leaf spring</li> <li>Stabiliser bar</li> </ul> Rear Suspension <ul style="list-style-type: none"> <li>Multi leaf main with helper, stabiliser bar</li> </ul>	<ul style="list-style-type: none"> <li>Cold riveted ladder frame</li> <li>Rail dimensions (mm)</li> <li>254 x 80 x 7.5</li> <li>HT540 weldable steel main rails</li> <li>Parallel side rails</li> </ul>	<ul style="list-style-type: none"> <li>Dual circuit, air over hydraulic front &amp; rear drum brakes</li> <li>ABS. Active in high range gear selection mode.</li> <li>Hill Start Aid (HSA) (except auto)</li> <li>Front drum 410mm x 140mm</li> <li>Rear drum 410mm x 140mm</li> <li>Spring park brake on rear wheels</li> <li>Air dryer</li> <li>Air controlled exhaust brake</li> </ul>	ELECTRICAL <ul style="list-style-type: none"> <li>24 volt negative earth system</li> <li>60 amp alternator</li> <li>Batteries - 2 x 115E41L 80Ah, 665CCA @ 18°C</li> </ul> STEERING <ul style="list-style-type: none"> <li>Power assisted recirculating ball</li> <li>Gear Ratio: 18.1 - 22.4:1</li> <li>Turns lock-to-lock 3.5</li> <li>Max angle: 34° (inside wheel) / 29° (outside wheel).</li> </ul>

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Aug 19

## CAB AND INTERIOR

Cab Exterior	Cab Interior	Instruments and Controls
<ul style="list-style-type: none"> <li>All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement</li> <li>Cab is fully compliant with ECE-R29 crash tests</li> <li>Manual cab tilt to 45° with torsion bar assistance</li> <li>Liquid filled front and rear cab mounts.</li> <li>90° opening internally reinforced doors</li> <li>Door mounted 19" heated power mirrors, flat glass on main and convex on spot mirrors</li> <li>Halogen multi-reflector headlamps with integral turn signals</li> <li>Additional door-mounted turn signal indicators with cornering lamps</li> <li>Roof-mounted outline marker lamps</li> <li>Combined brake/turn/reverse/marker lamps</li> <li>Body coloured grille.</li> <li>Body coloured steel air dam bumper.</li> </ul>	<ul style="list-style-type: none"> <li>ISRI 6860 air suspension driver's seat with pneumatic lumbar support, height, rake &amp; automatic weight adjustment.</li> <li>Front passenger adj bucket seat &amp; front centre seat with folding backrest &amp; console in backrest. Rear bench seat with 4 seat capacity.</li> <li>3-point seatbelts in all outboard seating positions. Driver &amp; outboard front passenger seatbelt with pre-tensioner integrated with seat.</li> <li>Centre seat lap belts.</li> <li>Driver and outboard front passenger airbag.</li> <li>Door &amp; roof pillar entry assist grips, rear with full width rear grab rail.</li> <li>Passenger windscreen header storage shelf.</li> <li>Tilt/Telescopic adj steering column, soft feel urethane steering wheel with audio controls.</li> <li>Electric windows &amp; fluorescent interior lamp.</li> <li>Central locking with remote keyless entry and immobiliser.</li> <li>Twin cup holders. 24V cigarette lighter. Dashboard hook.</li> <li>Front door mounted storage pockets and driver's side ashtray.</li> <li>Centre console box with storage tray. Fold down tray behind centre seat.</li> <li>Integrated air conditioning heater/demister.</li> <li>Multimedia unit with 6.2" LCD touch screen. Android OS. DAB+ digital radio, integrated Bluetooth with voice recognition. Inbuilt media viewer. Internet radio via smartphone. 32GB file storage. USB &amp; auxilliary inputs.</li> <li>OPTIONS: (full details from your Isuzu dealer): Telematics system. Supports up to five camera inputs. One digital camera, Reversing sensors, tyre pressure monitoring. Wireless phone charger for Qi enabled phones.</li> </ul>	<p>DRIVER CONTROLS</p> <ul style="list-style-type: none"> <li>Key-operated engine start/stop and steering lock.</li> <li>HSA slow/fast engagement control and on/off switch - except auto model.</li> <li>DPD regeneration.</li> <li>T-bar gear selection control (auto model).</li> <li>Left side combination stalk: Windscreen wipers, washers and exhaust brake.</li> <li>Right side combination stalk: Turn signals, headlamps.</li> </ul> <p>INSTRUMENTATION</p> <ul style="list-style-type: none"> <li>Electronically driven speedometer and tachometer. Digital odometer with integrated dual trip meter. Engine coolant temperature, fuel level and air pressure gauges.</li> <li>Warning lamps: Check engine, oil pressure, low coolant level, ABS, SRS airbag, alternator charge, service brakes, park brake, seat belt unfastened, low air pressure, low fuel level, cab lock.</li> <li>Indicator lamps: HSA (except auto model), warm up system, high beam, DPD status, exhaust brake, turn signals.</li> <li>Multi information display. Shows service intervals, vehicle systems status, instantaneous and average fuel consumption, DPD bar chart, hour-meter, voltmeter, time/day/date and includes 40-120km/h adjustable vehicle speed warning.</li> </ul>

## WEIGHTS (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
FT0718	FTS800	13,900	26,500	4,700	8,200	3,225	2,040	5,265
FT1018	FTS800 auto	13,900	18,000/20,500	4,700	8,200	3,175	2,060	5,235
FT0818	FTS800P (eng. PTO)	13,900	26,500	4,700	8,200	3,285	2,055	5,340

\* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

\*\* Chassis cab as supplied from the factory including 10 litres of fuel

## DIMENSIONS (mm)

\*Unladen condition

Turn Circle (m)

Models	WB	OAL	cab height*	FOH	ROH	EA	CE	outer rear track	cab width	RFH*	Kerb to Kerb
manual & auto*	4250	7405	2935	1255	1900	3350	5340	2365	2400	1220/1285*	17.5

## WARRANTY

Full vehicle warranty: 36 months or 150,000 kilometres whichever occurs first. All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement

A policy of continuous improvement means that these specifications are subject to change without notice. Contact your Isuzu dealer or visit our website at [isuzu.co.nz](http://isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle.

