

FTS 800 4X4 FTS 800 4X4 CREW



WEIGHT RATINGS*

GVM	13,900 kg
GCM	26,500 kg 20,500 kg auto

ENGINE

POWER	191 kW @ 2,400 rpm
TORQUE	761 Nm @ 1,450 - 2400 rpm

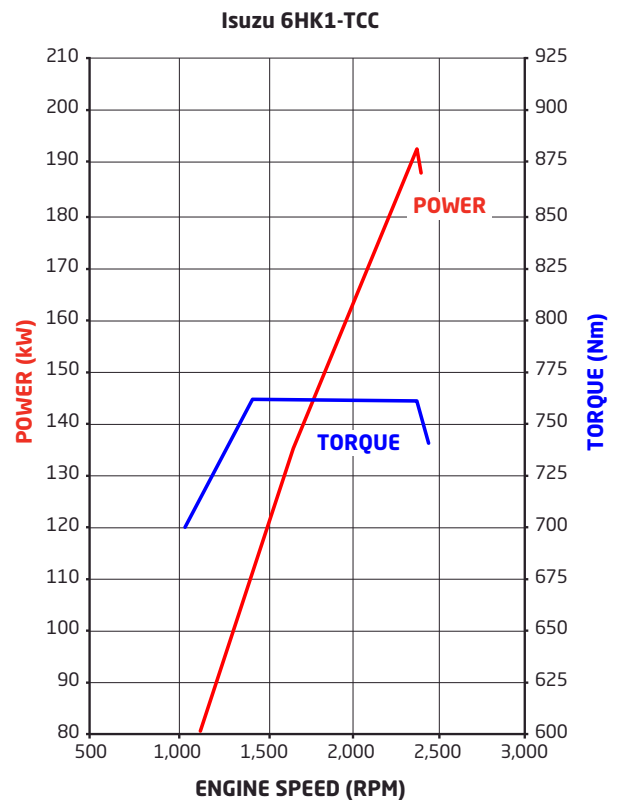
TRANSMISSION

6 speed manual transmission (MT)
6 speed automatic transmission (AT)

* Refer to back page for detailed weight rating information

ENGINE	
DESCRIPTION	Isuzu 6HK1-TCC
TYPE	6 cylinder 24 valve SOHC
DISPLACEMENT	7,790 cc
COMPRESSION RATIO	17.5:1
BORE X STROKE	115 mm x 125 mm
POWER	191 kW (260PS) @ 2,400 RPM (DIN NET)
TORQUE	761 Nm @ 1,450 RPM - 2,400 RPM (DIN NET)
INDUCTION	Electronically controlled variable nozzle turbocharger with air-to-air intercooler.
FUEL INJECTION	Direct injection high pressure common rail system.
ENGINE PTO (PTO MODEL)	0.7 x engine speed. 353 Nm maximum output torque.
EMISSION CONTROL	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (Euro V / EEV) compliant.

INTELLIGENT SAFETY		
ACTIVE SAFETY	Anti Lock Braking System (active in high range)	(ABS)
	Hill Start Aid - except AT models	(HSA)
	Cab Tilt Warning	(CTW)
PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Driver & front passenger airbags	
	Driver & front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	



ISUZU WARRANTY COVER	
WARRANTY	3 year / 150,000 km Warranty#

TRANSMISSION							
MT	CLUTCH	Type: Single plate with air assisted hydraulic control					
		Clutch plate diameter: 381 mm					
		Clutch lining area: 1,363 cm ²					
	GEARBOX	Description: Isuzu MZW-6P					
		Type: 6 speed with synchromesh on gears 2-6					
Ratios:							
1st		2nd	3rd	4th	5th	6th	Rev
	6.615	4.095	2.358	1.531	1.000	0.722	6.615
Power Take Off facility: PTO provision on LHS of transmission case							
Other features: Air assisted shift, full pressure oil lubrication							
AT	Description: Allison LCT2500						
	Type: 6 speed automatic						
	Ratios:						
	1st	2nd	3rd	4th	5th	6th	Rev
		3.51	1.90	1.44	1.00	0.74	0.64
Power Take Off facility: LHS and RHS PTO openings on transmission case. Torque convertor turbine driven PTO drive gear.							
Other features: Allison long life TranSynd synthetic fluid							
GEARBOX TRANSFER	Description: Isuzu TF56						
	Type: Full time 4WD with lockable centre differential						
	Ratio: High: 1.00, Low: 1.913						

AXLES	
FRONT	Description: Isuzu FD052
	Type: Single drive with Birfield outer joints
	Other features: Permanently engaged front hubs
	Capacity: 5,200 kg
	Ratio: 5.857:1 (MT models), 6.500:1 (AT models)
REAR	Description: Isuzu R100
	Type: Single drive
	Other features: "No Spin" differential lock
	Capacity: 10,000 kg
	Ratio: 5.857 (MT models), 6.500 (AT models)

SUSPENSION	
FRONT	Type: Single stage alloy steel taper-leaf springs
	Other features: Double acting hydraulic shock absorbers
REAR	Type: Multi-leaf main spring, multi leaf helper spring

BRAKES	
TYPE	Air over hydraulic dual circuit front and rear drum brakes.
DIAMETER X WIDTH FRONT	410 x 140mm
DIAMETER X WIDTH REAR	410 x 140mm
PARK BRAKE	Spring park brake acting on all rear wheels
AUXILIARY BRAKE	Air controlled exhaust brake

STEERING	
TYPE	Power assisted recirculating ball
GEAR RATIO	18.1 - 22.4:1
TURNS LOCK TO LOCK	3.5
WHEEL LOCK ANGLE	34° (inside wheel) / 29° (outside wheel)

WHEELS & TYRES		
FRONT	Wheels:	22.5 x 7.50 eight stud steel wheels
	Tyres:	11R22.5 148/145K Michelin XZY 3 Tubeless
	Steer axle tyre rating	6,300 kg
REAR	Wheels:	22.5 x 7.50 eight stud steel wheels
	Tyres:	11R22.5 148/145K Michelin XDY 3 Tubeless
	Drive axle tyre rating:	11,600 kg
Spare: Spare wheel and tyre assembly supplied. Winch type carrier.		

CHASSIS FRAME	
TYPE	Cold rivetted ladder frame with parallel side rails
MATERIAL	SAPH440 steel sidemembers
DIMENSIONS	Side rail (mm): 253 x 85 x 7.5 Rear frame width (mm): 850

FUEL TANK	
TYPE	Frame mounted steel fuel tank
CAPACITY	200L
FUEL CAP	Lockable

ELECTRICAL SYSTEM	
TYPE	24 volt
ALTERNATOR	90 amp
STARTER MOTOR	5.0 kW
BATTERY	Single cab: 2 x 115E41L (651 CCA) batteries connected in series Crew cab: 2 x 80D26L (630 CCA) batteries connected in series
CAN BUS PROVISION	Underdash CAN system access plug for connection to a Fleet Management System (FMS) (not supplied)

CABIN GENERAL FEATURES	
ENGINE ACCESS	Single cab: Manual cab tilt to 45° with torsion bar assistance Crew cab: Electro-hydraulic cab tilt
STEPS	Heavy duty anti slip steps
DOORS	90° opening internally reinforced front doors
MIRRORS	Heated and powered exterior main mirrors with flat glass & additional independantly adjustable convex "spot" mirrors
WIPERS	Two speed windscreen wipers with intermittent wipe mode
EXTERIOR LIGHTING	Halogen main beam and halogen high beam headlamp assembly Roof mounted clearance lamps
AUDIBLE WARNING	Reverse alarm
GRILLE	Body coloured
FRONT BUMPER	Body coloured
SECURITY	Central locking with remote keyless entry & immobiliser

CABIN INTERIOR	
SEATING	Isri 6860/875 NTS air suspension driver's seat Isri 6860/875 NTS air suspension front passenger seat & front centre seat with folding seat back Crew cab: Rear bench seat with 4 seat capacity
SEATBELTS	3-point lap sash seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelt integrated with seat. Centre seat lap belts.
STEERING COLUMN	Tilt / telescopic adjustable
ENTRY ASSIST GRIPS	Door & roof pillar mounted
DOOR WINDOWS	Electric control
STORAGE	Overhead compartments Twin cup holders Centre console box & storage tray Front door pockets
POWER OUTLET	24V cigarette lighter
AIRCONDITIONING	Manual control
INTERIOR LIGHTING	Fluorescent lamp
REAR COMPARTMENT	Single cab: ADR 42 compliant sleeper

AUDIO VISUAL UNIT	
SCREEN TYPE	6.2" LCD with capacitive touch
OPERATING SYSTEM	Android
RADIO	AM / FM
INTERNAL STORAGE CAPACITY	32GB
OTHER CAPABILITY	Bluetooth features. USB 3.0 socket. Provision for external camera inputs, navigation, reverse sensors, and tyre pressure monitoring.

DRIVER CONTROLS	
SAFETY SYSTEMS	HSA on/off/sensitivity adjust (except AT models) Idle speed control
ENGINE	Cruise control DPD manual regeneration switch
TRANSMISSION (AT ONLY)	T-bar gear selection control
GENERAL CONTROLS	Headlamp on/off, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals, high/low range and centre differential lock switches

INSTRUMENTATION	
MULTI INFORMATION DISPLAY	CTW indicator Vehicle systems status Low fuel level alert Fuel consumption information Service interval alerts Hourmeter Adjustable vehicle speed warning
GENERAL INSTRUMENTATION	Speedometer & tachometer Digital odometer with integrated dual tripmeters Engine coolant temperature, fuel level and air pressure guages

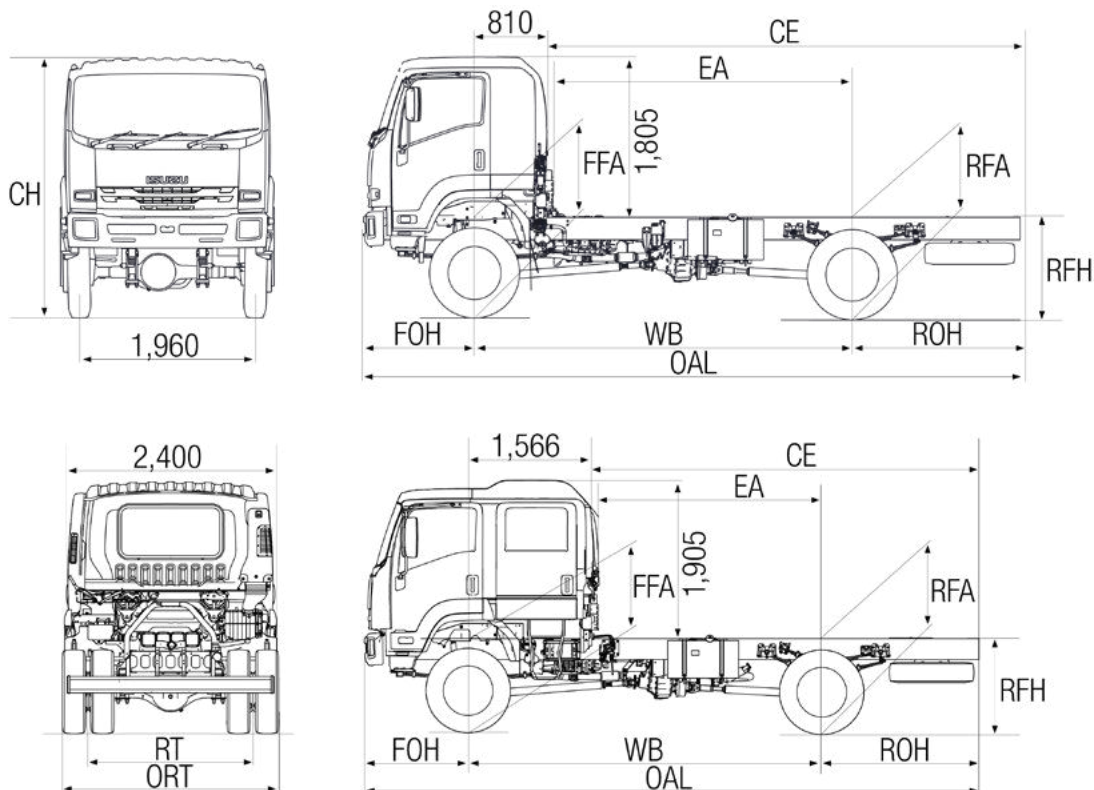
WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
FTS 800 4X4	13,900	26,500	5,200	8,200	3,225	2,040	5,265
FTS 800 4X4 AUTO	13,900	20,500**	5,200	8,200	3,175	2,060	5,235
FTS 800 4X4 CREW	13,900	26,500	5,200	8,200	3,325	2,100	5,425
FTS 800 4X4 AUTO CREW	13,900	20,500**	5,200	8,200	3,275	2,120	5,395

* Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application.

** Pre-approved ratings as stated apply for general transport and distribution applications. For other applications approval from Allison is required.

Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm)													
MODELS	WB	OAL	FOH	ROH	EA	CE	RT	ORT	CH	FFA (unladen)	RFA (unladen)	RFH (unladen)	TURNING CIRCLE KERB TO KERB (m)
FTS 800	4,250	7,405	1,255	1,900	3,350	5,340	1,795	2,365	2,935	1,125	1,185	1,220	17.5
FTS 800 AUTO	4,250	7,405	1,255	1,900	3,350	5,340	1,795	2,365	2,935	1,145	1,240	1,285	17.5
FTS 800 CREW	4,250	7,405	1,255	1,900	2,625	4,648	1,795	2,365	3,070	1,120	1,185	1,220	17.5
FTS 800 AUTO CREW	4,250	7,405	1,255	1,900	2,625	4,648	1,795	2,365	3,090	1,140	1,245	1,290	17.5



PERFORMANCE (calculated - typical paved road)				
		GEARED SPEED~ (top gear at peak power engine rpm)	LOW SPEED GRADEABILITY (lowest forward gear assuming no wheel slip)	ENGINE SPEED (top gear at 90 km/h)
FTS 800 4X4	at 13,900 kg GVM	111 km/h @ 2,400 rpm	70%	1,954 rpm
FTS 800 4X4 AUTO	at 13,900 kg GVM	112 km/h @ 2,400 rpm	65%	1,922 rpm

* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

3 Year Warranty (36 months / 150,000kms) cover is 36 months or 150,000kms, whichever comes first. Cab Perforation Corrosion is limited to 36 months / unlimited kms on all models.

ORDER CODES	
MODELS	CODES
FTS 800	FT0722
FTS 800 4X4 AUTO	FT1022
FTS 800 4X4 PTO	FT0822
FTS 4X4 CREW	FT0922
FTS 4X4 AUTO CREW	FT1122

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