

ISUZU

SPECIFICATIONS

NEW
NEW GENERATION ISUZU
GEN

FTS 800 4x4

FTS 800 4x4 Crew



FTS 800 Crew



FTS 800

AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989. Truck tracker 2007.

AT A GLANCE

GVM	13,500 kg
GCM	18,000 kg (off road) 20,500 kg (on road)
Power	176 kW @ 2,400 rpm
Torque	706 Nm @ 1,450 rpm

ADVANCED TECHNOLOGY

- Driver airbag with seatbelt pretensioner
- 90 amp alternator
- Full time 4WD with centre differential lock
- ISRI 6860 seat with integrated seatbelt
- Electric mirrors

RELIABILITY IS EVERYTHING **ISUZU**

Driveline & Chassis Specifications

ENGINE: SITEC SERIES II 235 (ISUZU 6HK1-TCN)

- Type:** 6 cylinder 24 valve SOHC
- Displacement:** 7,790 cc
- Compression Ratio:** 17.5:1
- Bore x Stroke:** 115 x 125 mm
- Max power (DIN-NET):** 176 kW (236 HP) @ 2,400 RPM
(JIS Gross): 182 kW (244 HP) @ 2,400 RPM
- Max torque (DIN-NET):** 706 Nm (521 lb.ft) @ 1,450 RPM
(JIS Gross): 731 Nm (539 lb.ft) @ 1,450 RPM
- Induction system:** Electronically controlled variable nozzle turbocharger with air-to-air intercooler.
- Fuel injection:** Direct injection high pressure common rail system.
- Emission control system:** Two-stage electronically cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/02 (Euro IV) compliant.

ENGINE DRIVEN PTO (PTO models only):

- Constant mesh. Rotates at 0.7 x engine speed.
- 353 Nm maximum output torque.
- Anti-clockwise rotation when viewed from rear of engine.

CLUTCH

- Air assisted hydraulic control. Single plate 381 mm diameter.
- Total lining area: 1,363 cm²

TRANSMISSION

ISUZU MLD-6Q

- 6 speed manual with air assisted shift.
- Synchronesh on gears 2-6.
- PTO provision on LHS of transmission case. PTO drive from counter gear.
- Gear ratios (: 1)

1st	2nd	3rd	4th	5th	6th	Rev
6.720	4.244	2.580	1.540	1.000	0.763	6.823

TRANSFER GEARBOX: ISUZU TF56

- Full time 4WD with driver activated centre differential lock.
- High ratio 1.00:1, low ratio 1.913:1

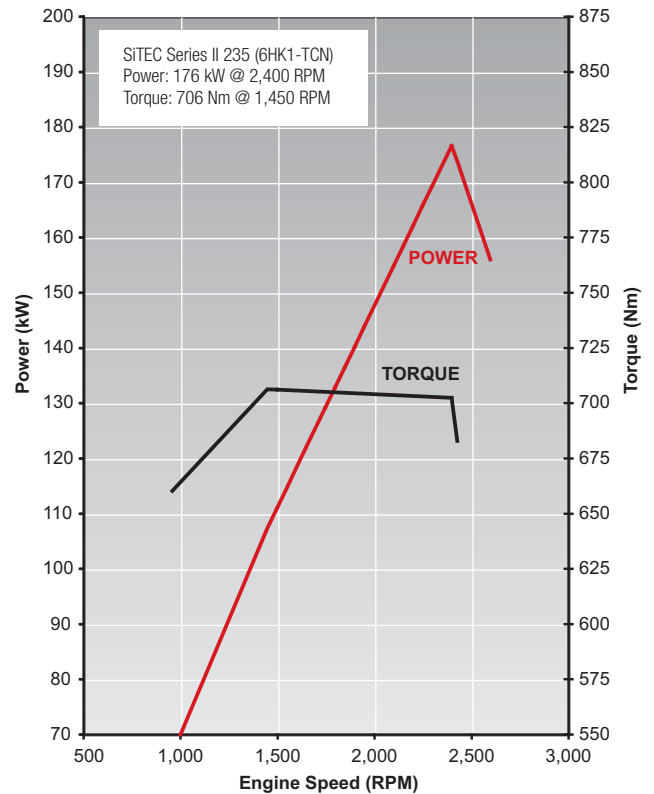
AXLES

Front: Isuzu FD047

- Full floating Banjo type. Birfield outer joints and permanently engaged hubs. 4,700 kg capacity
- Drive ratio 5.571:1

Rear: Isuzu R092

- Full floating Banjo type. 'No-spin' differential lock. 9,200 kg capacity.
- Drive ratio: 5.571:1



SUSPENSION

Front:

- Single stage alloy steel taper leaf springs.
- Double acting hydraulic shock absorbers.

Rear:

- Multi leaf main spring, multi leaf helper spring.

BRAKES

- Dual circuit air over hydraulic front and rear drum brakes.
- Front drum size: 410 x 140 mm
- Rear drum size: 410 x 140 mm
- Spring park brake.
- Air controlled exhaust brake.
- Air dryer.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 18.1 - 22.4:1
- Turns lock to lock: 3.5
- Maximum angle: 34° (inside wheel) / 29° (outside wheel)

WHEELS AND TYRES

- 22.5 x 7.50 eight stud steel wheels.
- 10R22.5 TL 144/142K Michelin XZY Tubeless.
- Maximum tyre rating:
Front axle: 5,600 kg per tyre
Rear axle: 10,600 kg per tyre
- Spare wheel and tyre assembly with winch type carrier.

CHASSIS FRAME

- Cold rivetted ladder frame with parallel side rails. HT540A high tensile weldable steel sidemembers.
- Frame dimensions:
Side rail (mm): 253 x 80 x 7.5
Rear frame width (mm): 850

FUEL TANK

- Frame mounted 200L steel fuel tank.
- Lockable fuel cap.

ELECTRICAL SYSTEM

- 24 volt electrical system.
- 90 amp alternator.
- 24 Volt, 4.5 kW starter motor.
- 2x 80D26L (630 CCA) batteries connected in series.

Cabin Specifications and Appointments

CAB EXTERIOR

- All steel construction. High tensile steel used for cab underframe. **Single cab:** Manual cab tilt to 45° with torsion bar assistance. **Crew cab:** Electro-hydraulic cab tilt.
- **Single cab:** Liquid filled front and rear cab mounts. **Crew cab:** Rubber cab mounts.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced front doors.
- Water spray suppression guards and front mudflaps.
- Laminated windscreen with shade band.
- Two speed windscreen wipers, with intermittent wipe mode.
- Halogen multi-reflector headlamps. Front panel mounted turn signals. Additional door mounted side indicator lamps.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- Heated and powered exterior main mirrors with flat glass and additional powered convex "spot" mirrors.
- Body coloured grille.
- Body coloured steel air dam bumper.

CAB INTERIOR

- Isri 6860 air suspension driver's seat with pneumatic lumbar support, height, rake and automatic weight adjustment.
- Front passenger adjustable bucket seat and front centre seat with folding seat back.
- **Crew cab:** Rear bench seat with 4 seat capacity.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt with pre-tensioner integrated with driver seat. Centre seat lap belts.
- Driver airbag.
- Door and roof pillar entry assist grips. **Crew cab:** Full width rear grab rail with ashtray.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.

- Electric windows.
- Central locking with remote keyless entry and immobiliser.
- Twin cup holders. 24V cigarette lighter. Dashboard hook.
- Front door mounted storage pockets and driver's side ashtray.
- Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
- Front passenger glovebox.
- Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Fluorescent type interior lamp with On/Door/Off switch.
- 2 DIN, two speaker radio/CD multimedia unit.
- DIN sized compartment for storage or for CB radio installation.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- DPD regeneration.
- High/low range and centre differential lock switches.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals and headlamps.

INSTRUMENTATION

- Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature, fuel level and air pressure gauges.
- **Warning lamps:** Check engine, oil pressure, SRS airbag, alternator charge, service brakes, park brake, seat belt unfastened, low air pressure, low fuel level, cab lock.
- **Indicator lamps:** Warm up system, high beam, DPD status, exhaust brake, low range engaged, centre differential lock engaged, turn signals.

OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, check with dealer for availability):

- Module for Bluetooth/iPod input/SD card reader.
- Module for Bluetooth/iPod input/SD card reader/satellite navigation (includes NAVTEQ mapping).
- Up to two reversing cameras.
- Cloth seat covers.

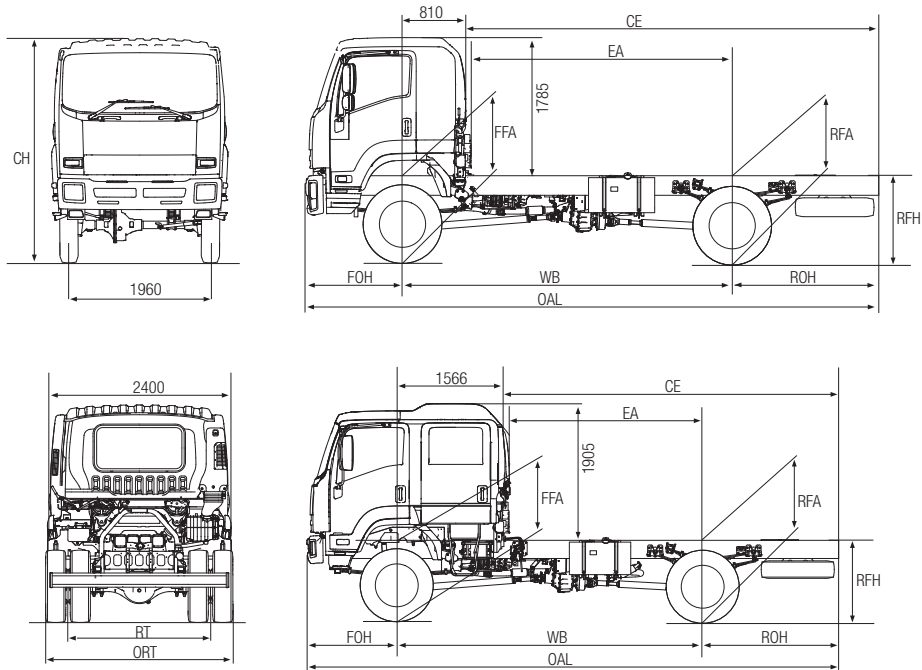
Weights (kg)

Models	Ratings*		Loading Limit* (at ground)		Cab Chassis Mass#		
	GVM	GCM	Front	Rear	Front	Rear	Total
FTS 800 MQ	13,500	18,000 kg (off road) 20,500 kg (on road)	4,700	9,200	3,110	1,925	5,035
FTS 800 PTO MQ	13,500	18,000 kg (off road) 20,500 kg (on road)	4,700	9,200	3,170	1,940	5,110
FTS 800 Crew MQ	13,500	18,000 kg (off road) 20,500 kg (on road)	4,700	9,200	3,300	1,990	5,290
FTS 800 Crew PTO MQ	13,500	18,000 kg (off road) 20,500 kg (on road)	4,700	9,200	3,360	2,005	5,365

* 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.
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)	KERB TO KERB	Turn Circle (m)
FTS 800	4,250	7,405	1,255	1,900	3,350	5,340	1,795	2,365	2,910	1,100	1,165	1,195	17.5	
FTS 800 Crew	4,250	7,405	1,255	1,900	2,625	4,648	1,795	2,365	3,045	1,095	1,160	1,195	17.5	



Performance (calculated - typical paved road)

Models	At 13,500 kg GVM	Geared Speed* (top gear at peak power engine RPM)	Low Speed Gradeability (lowest forward gear assuming no wheel slip)	Engine Speed (top gear at 100 km/h)
FTS 800 4x4 MQ	At 13,500 kg GVM	105 km/h @ 2,400 RPM	68%	2,290 RPM

* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information. Vehicle speed is limited to 100 km/h.

Isuzu Warranties

STANDARD ¹		
New Vehicle	3 years 150,000 km 2,500 hrs	
Cab Perforation Corrosion	3 years Unlimited km	
EXTENDED ²		
4 years 250,000 km	5 years 300,000 km	6 years 350,000 km

¹ Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu FTS models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 150,000 km or 2,500 hrs (whichever comes first). (ii) against cab perforation corrosion, for 36 months and unlimited kilometres. ² Extended Warranty as illustrated is available by purchase to cover the owner against the failure of original components, but may exclude some components and expendable items such as oil, filters, etc. Please consult with your Isuzu Dealer for full details obtained from a dedicated brochure available to customers.

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