

ISUZU

SPECIFICATIONS

FXZ 1500

FXY 1500



FXZ pictured

AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989. Truck tracker 2009.

AT A GLANCE

GVM	24,000 kg
GCM	42,500 kg
Power	257 kW @ 2,000 rpm
Torque	1,422 Nm @ 1,200 - 1,500 rpm

ADVANCED TECHNOLOGY

- Emissions: Euro V / ADR 80/03
- Driver airbag with seatbelt pretensioner
- ADR 42 compliant sleeper with mattress
- ECE-R29 compliant cab
- ECE-R93 compliant Front Underun Protection Device (FUPD)
- Anti-lock Braking System (ABS)
- Cross locks
- Electro-hydraulic cab tilt
- Coil spring cab suspension
- Front stabiliser bar
- Cruise control
- Isri 6860 seat with integrated seatbelt



RELIABILITY IS EVERYTHING **ISUZU**

Driveline & Chassis Specifications

ENGINE: SiTEC Series III 350 (ISUZU 6UZ1-TCN)

Type: 6 cylinder 24 valve SOHC
Displacement: 9,839 cc
Compression Ratio: 17.5:1
Bore x Stroke: 120 x 145 mm
Max power (DIN-NET): 257 kW (345 HP) @ 2,000 RPM
(JIS Gross): 265 kW (355 HP) @ 2,000 RPM
Max torque (DIN-NET): 1,422 Nm (1,049 lb.ft) @ 1,400 RPM
(JIS Gross): 1,472 Nm (1,086 lb.ft) @ 1,400 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: Cooled EGR with exhaust Diesel Oxidation Catalyst (DOC). ADR 80/03 (Euro V) compliant.

ENGINE DRIVEN PTO (PTO models only):

- Constant mesh. Rotates at 1.1 x engine speed.
- 440 Nm maximum output torque.
- Anti-clockwise rotation when viewed from rear of engine.

CLUTCH

- Air assisted hydraulic control. Single plate 432 mm diameter.
- Total lining area: 1,923 cm²

TRANSMISSION

Eaton RTO 11908LL (medium w/base model)

- 10 speed constant mesh.
- Gear ratios (:1)

LL	L	1st	2nd	3rd	4th	5th
14.56	9.42	6.24	4.63	3.40	2.53	1.83

6th	7th	8th	RLL	RL	RH
1.36	1.00	0.74	15.22	9.85	2.89

ZF 9 S 1310 TO (long w/base model)

- 9 speed with synchromesh on gears 1-8. Repeat 'H' shift pattern.
- PTO provision at rear of transmission case.

- Gear ratios (:1) Crawler: 9.48

1st	2nd	3rd	4th	5th
6.58	4.68	3.48	2.62	1.89

6th	7th	8th	RV
1.35	1.00	0.75	8.97

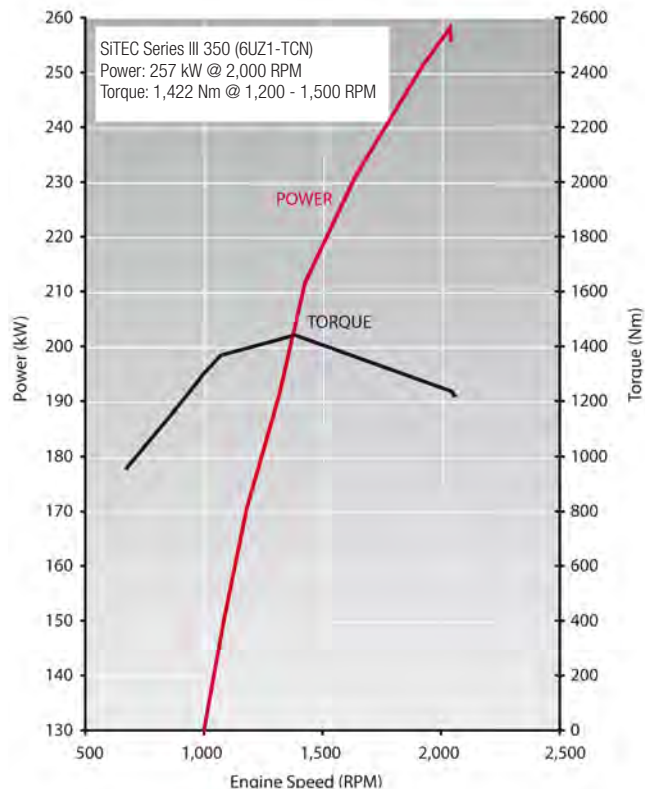
AXLES

Front: MERITOR

- FG941 reverse Elliot I-beam. 6,600 kg capacity.

Rear: MERITOR

- RT-40-145G tandem axle set. 18,100 kg capacity.
- Driver controlled inter-axle lock and cross locks on both axles.
- Drive ratio: 4.88:1



SUSPENSION

Front:

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

Rear: (FXZ 1500)

- Taper leaf springs with Isuzu 6 rod and trunion location system.

Rear: (FXY 1500)

- Hendrickson HAS461 airbag. 18,100 kg capacity at ground.
- Outboard mounted double acting shock absorbers.

BRAKES

- Meritor 'Q-Plus' dual circuit full air 'S-cam' front and rear drum brakes with auto slack adjusters.
- ABS.
- Front drum size: 419 x 127 mm
- Rear drum size: 419 x 178 mm
- Spring park brake acting on all rear wheels.
- Air controlled exhaust brake.
- Air dryer.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 22.4:1
- Turns lock to lock: 5.4
- Maximum angle: 45° (inside wheel) / 35° (outside wheel)

FXZ Medium | Medium PTO | Long FXZ Long

WHEELS AND TYRES

- 22.5 x 8.25 ten stud ISO standard steel wheels.
- **Steer axle:** 295/80R22.5 152/148M Michelin XZE2 Tubeless
- **Drive axles:** 11R22.5 148/145L Michelin XDE2 Tubeless
- Maximum tyre rating:
 - Steer axle: 7,100 kg
 - Tandem drive axle set: 23,200 kg
- Spare wheel rim supplied with winch type carrier.

CHASSIS FRAME

- Cold rivetted ladder frame. HT540A high tensile weldable steel sidemembers.
- Frame dimensions:
 - Side rail (mm): 285 x 85 x 7.0
 - Rear frame width (mm): 850

FUEL TANK

- Frame mounted 400L aluminium fuel tank.
- Lockable fuel cap.

ELECTRICAL SYSTEM

- 24 volt electrical system.
- 60 amp alternator.
- 24 Volt, 5.0 kW starter motor.
- 2 x 115E41L (651 CCA) batteries connected in series.

Cabin Specifications and Appointments

CAB EXTERIOR

- All steel construction with electro-hydraulic cab tilt. High tensile steel used for cab underframe.
- Complies with ECE-R29 cab strength standard.
- Full floating cab with coil spring suspension and hydraulic shock absorbers.
- 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 incorporating turn signals and front foglamps. 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.
- Chrome grille.
- Body coloured steel air dam bumper.
- FUPD underbar - complies with ECE-R93.

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.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt with pretensioner integrated with driver seat. Centre seat lap belts.
- ADR 42 compliant sleeper with mattress.
- Driver airbag.
- Door and roof pillar entry assist grips.
- Full interior trim, padded roof lining and vinyl floor covering. Overhead front storage compartments.
- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Central locking with remote keyless entry.
- Twin cup holders. 24V cigarette lighter. Dashboard hook.

- Front door mounted storage pockets and driver's side ashtray.
- Centre console box with storage tray.
- Front passenger glovebox.
- Fully integrated auto control 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 with 4.8" LCD touch screen and Bluetooth. Provision for SD card, USB and 3.5 mm plug inputs.
- DIN sized compartment for storage or for CB radio installation.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- Inter-axle lock and cross lock engage switches.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals, headlamps and cruise control.

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, ABS, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low air pressure, low fuel level, cab lock.
- **Indicator lamps:** Warm up system, high beam, DPD status, exhaust brake, turn signals, inter-axle lock, cruise control.
- Multi-information display. Shows service interval, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date and includes 40-120 km/h adjustable vehicle speed warning.

OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

- Satellite navigation - integrates with multimedia unit and includes NAVTEQ mapping.
- Up to three audio/visual reversing cameras - integrates with multimedia unit.
- Airbag compatible bullbar.
- Air deflector.

Weights (kg)

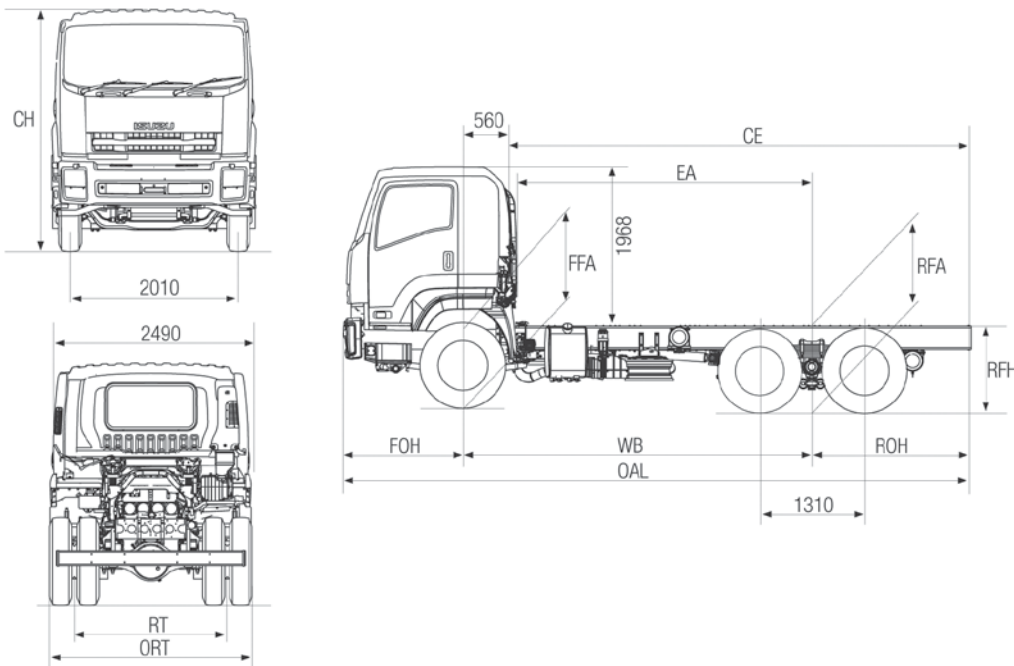
Models	Ratings*		Loading Limit* (at ground)		Cab Chassis Mass#		
	GVM	GCM	Front	Rear	Front	Rear	Total
FXZ 1500 Medium	24,000	42,500	6,600	18,100	4,105	3,260	7,365
FXZ 1500 Medium PTO	24,000	42,500	6,600	18,100	4,210	3,275	7,485
FXZ 1500 Long	24,000	42,500	6,600	18,100	4,030	3,535	7,565
FXZ 1500 Long	24,000	42,500	6,600	18,100	4,030	3,275	7,305

*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)	Turn Circle (m)
													KERB TO KERB
FXZ 1500 Medium / Medium PTO	4,330	7,790	1,480	1,980	3,650	5,750	1,840	2,445	3,020	920	1,095	1,140	15.1
FXZ 1500 Long	6,010	10,990	1,480	3,500	5,330	8,950	1,840	2,445	2,990	920	1,100	1,140	21.0
FXZ 1500 Long	6,010	10,990	1,480	3,500	5,330	8,950	1,840	2,445	2,990	920	1,040	1,065	21.0



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 100 km/h)
FXZ 1500 Medium	At 24,000 kg GVM	107 km/h @ 2,000 RPM	74%	1,865 RPM
FXZ/FXZ 1500 Long	At 24,000 kg GVM	106 km/h @ 2,000 RPM	48%	1,890 RPM

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

Isuzu Warranties

STANDARD ¹		
New Vehicle	3 years 250,000 km 4,000 hrs	
Cab Perforation Corrosion	3 years Unlimited km	
EXTENDED ²		
4 years 350,000 km	5 years 400,000 km	6 years 450,000 km
Isuzu Assist - 24 hour roadside assistance*		

¹ Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu FXZ models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 250,000 km or 4,000 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. *Valid for three years from the date of new vehicle purchases.

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