

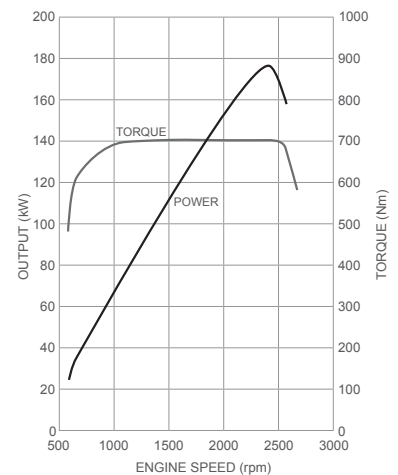


AT A GLANCE

Configuration:	4 x 4
Gross Vehicle Mass:	13,500kg
Gross Combination Mass:	20,500kg
Maximum Towed Mass (braked):	12,500kg
Maximum Towed Mass (unbraked):	2,000kg
1st Gear Gradeability @ GVM / GCM) %:	35/21
Low Gear Gradeability @ GVM / GCM) %:	87/46
Est. Engine RPM @ 90km/hr:	1940
Emission Standard:	Euro V
Speed Limiter:	100km/hr

ENGINE

Engine Model:	6HK1-TCN
Type:	6 cyl 24 valve, SOHC
Displacement:	7,790cc
Compression ratio:	17.5:1
Max Power (DIN Nett):	176 kW (248 HP) @2,400 RPM
Max Torque (DIN Nett):	706 Nm (731 lb.ft) @1,450
Emission Control System:	Euro V with cooled EGR and Diesel Particulate Diffuser
Lubrication:	Plate type oil cooler, spin on filter, 15.5 litre capacity
Cooling System:	Temperature controlled viscous fan hub System capacity approx 29 litres
Fuel System:	Electronically controlled direct injection, high pressure common rail 200 litre fuel tank with lockable fuel cap Water-in-fuel sensor standard
Air Intake System:	Electronically controlled variable nozzle turbo charger with air-to-air intercooler, vertical air intake behind cab



TRANSMISSION

Manual:	MZW-6P 6 spd manual, synchromesh on 1 st to 6 th with air assisted shift
Clutch:	Air assisted hydraulic control, 381mm single plate clutch
PTO:	Option 1: Left side of transmission case Option 2: Flywheel PTO top of flywheel housing
Ratios (:1):	1 st 6.720, 2 nd 4.244, 3 rd 2.580, 4 th 1.540, 5 th 1.000, 6 th 0.763, Rev 6.823
Oil capacity:	Approx 5.3 litres
Transfer Case:	Isuzu TF56 Full time 4WD with driver activated diff locks
Ratio:	High range: 1.00:1, Low range: 1.913:1
Oil Capacity:	Approx 3.7 litres

AXLES

Front axle:	Isuzu FDO47
Type:	Full floating banjo type, Birfield constant velocity joints and permanently engaged free wheel hubs
Capacity:	4,700kgs
Rear Axle:	Isuzu RO92
Type:	Full floating banjo drive axle
Final Drive:	368mm diameter ring gear
Ratio:	5.57:1
Capacity:	9,200kgs
Oil capacity:	Approx: front axle 9.0 rear axle 9.0 litres

CHASSIS

Front Suspension

- Single stage alloy steel taper leaf spring
- 1600x80x22 – 1 off, 1600x80x25 – 2 off
- Double acting shock absorbers

Steering

- Power assisted recirculating ball
- Gear Ratio 18.1 – 22.4:1
- Turns lock-to-lock 5.4

Chassis Frame

- Cold riveted ladder frame
- Rail dimensions (mm) 235 x 85 x 7.5
- HT540A weldable steel
- Parallel side rails

Rear Suspension FVY

- MLS main and helper
- Main spring 1420x80x12 – 1, 1420x80x13 – 6 off
- Constant 279N/mm
- Helper 1000x80x12 – 9 off
- Combined constant 1347N/mm

Brakes

- Dual circuit air over hydraulic auto-adjusting front and rear drum brakes
- Front drums 410mm x 140mm
- Rear drum 410mm x 140mm
- Spring park brake on rear wheels
- Air controlled exhaust brake
- Air dryer

Wheels and tyres

- 11.00R22.5 tubeless tyres
- 22.5x8.25x165mm 10-stud steel wheel rims
- Silver painted wheel rims
- Frame mounted spar wheel with tyre

Electrical

- 24 volt negative earth system
- Alternator: 60 amp
- Batteries – 2 x 115E41L 80Ah, 665CCA @18°C

CAB AND INTERIOR

Cab Exterior

- All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement
- Cab is fully compliant with ECE-R29 strength standard
- Manual cab tilt with torsion bar assist to 45° Power tilt on Crew version
- Solid rubber 4 point cab mounts, rigid on crew cab
- Heavy duty non-slip cab entry steps
- 90° opening doors
- Door mounted 19" heated power mirrors, flat glass on main and convex on spot mirrors
- Air dam steel front bumper
- Halogen multi-reflector headlamps with integral turn signals
- Additional door-mounted turn signal indicators
- Roof-mounted outline marker lamps
- Combined brake/turn/reverse/marker lamps
- Registration plate lamps
- Extended wiring harness
- Reverse alarm buzzer standard

Cab Interior

- Driver's seat – ISRI 6870 air suspended, pneumatic and lumbar support, height rake, auto weight adjustment seat for occupant mass up to 150kg

Cab Interior (continued)

- Front passenger adjustable bucket seat and front centre seat with folding backrest
- 3-point ELR seatbelts in outboard seat positions, driver's seat fitted with pre-tensioner integral to the seat
- Centre seat has lap belt
- SRS including air bag on driver's seat
- Door and pillar entry assist grips both sides
- Lined interior, padded roof lining and vinyl floor covers
- RH and LH overhead storage shelf
- Tilt/telescoping steering column, soft feel urethane steering wheel
- Electric windows
- Central locking with keyless entry and engine immobiliser
- Twin cup holders, 24 volt cigarette lighter
- Door mounted storage pockets, LHS glove box
- Centre console with storage tray, fold down storage tray in centre seat backrest
- Fluorescent interior lamp
- Radio/single CD player, twin speakers and auxiliary input port. Full media centre available as option
- 5 DIN sized compartments for extra communications and audio components

Instruments and Controls

- Speedometer with digital odometer and two trip meters
- Tachometer, engine coolant temperature, fuel and dual brake air pressure gauges
- Two-speed wipers with intermittent wipe function
- Key operated engine start, stop with steering lock
- DPD manual regenerate switch
- High/Low range and centre diff lock switches
- Inter-axle lock switch
- **LH combination stalk:** windscreen wipers/washers exhaust brake
- **RH combination stalk:** Indicators, light switch, headlamp dip switch
- **Warning lamps:** Check engine, oil pressure, SRS, alternator charge, service brake, park brake on, seat belt, low air pressure, low fuel level, water-in-fuel, cab lock
- **Indicator lamps:** HAS (except Auto), warm up system, high beam, DPD status, exhaust brake, turn signals, inter-axle lock on

Please refer to Owners and Drivers Manual for more detailed operation, driving instruction and warnings

WEIGHTS (kgs)

MODEL CODE	MODELS	RATINGS*		LOADING LIMITS (at ground)*		CHASSIS CAB TARE MASS**		
		GVM	GCM***	FRONT	REAR	FRONT	REAR	TOTAL
FT207	FTS800	13,500	20,500	4700	9200	3070	1915	4985
FT208	FTS800 PTO	13,500	20,500	4700	9200	3130	1930	5060

* 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

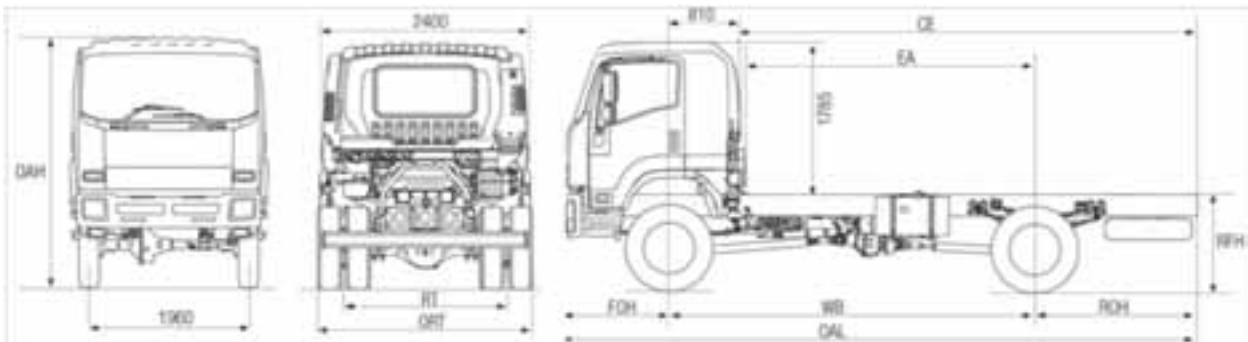
** Chassis cab as supplied from the factory including 10 litres of fuel

*** Vehicles equipped for towing trailers require modification to provide brake performance in accordance with Heavy Vehicle Brake Rule NZ32015

DIMENSIONS (mm)

Models	WB	OAL	OAH*	FOH	ROH	EA	CE	RT	ORT	FW	RFH *	BOC	Kerb to Kerb (m)
FTS800 and PTO	4250	7405	2910	1255	1900	3350	5340	1795	2365	850	1195	90	22.6

* Unladen condition, chassis cab only



WARRANTY

Vehicle:	24 months or 100,000 kilometres *
Power Train Components:	36 months or 150,000 kilometres *
Perforation Corrosion:	36 months

* Whichever occurs first

All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement