

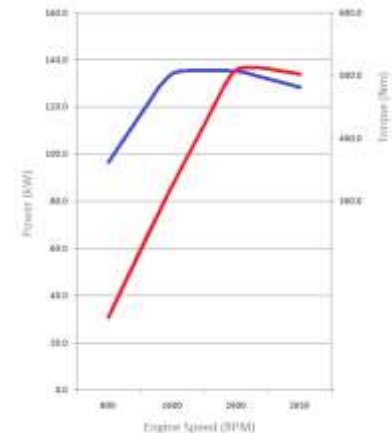


AT A GLANCE

Configuration:	4x4
Gross Vehicle Mass:	11,000kgs
Gross Combination Mass:	16, 000kgs
Maximum Towed Mass (braked):	9,000kgs
Maximum Towed Mass (unbraked):	2,000kgs
1st Gear Gradeability @ GVM/GCM %:	57/34
Low Gear Gradeability @ GVM/GCM %:	>100/99
Est. Engine RPM @ 90km/hr:	2390
Emission Standard:	Euro V

ENGINE

Engine Model:	4HK1-TCS
Type:	4 cyl 16 valve, SOHC
Displacement:	5,193cc
Compression Ratio:	17.5:1
Max Power (DIN Nett):	154 kW (210 HP) @2,600 RPM
Max Torque (DIN Nett):	637 Nm (470 lb.ft) @1,600
Emission Control System:	Euro V with Exhaust Gas Retention and Diesel Particulate Diffuser
Lubrication:	Plate type oil cooler, spin on filter, 13 litre capacity
Cooling System:	Temperature controlled viscous fan hub System capacity approx 18.5 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, 352mm single plate clutch
PTO:	Option 1: Left side of transmission case – mainshaft driven Option 2: Flywheel PTO top of flywheel housing
Ratios (:1)	1 st 6.615, 2 nd 4.095, 3 rd 2.358, 4 th 1.531, 5 th 1.000, 6 th 0.722, Rev 6.615
Oil capacity:	Approx 5.3 litres
Transfer Case:	Isuzu TF036 selectable 4WD with hi/low range
Ratio:	High range: 1.00:1, Low range: 2.091:1
Oil Capacity:	Approx 3.7 litres

AXLES

Front Axle:	Isuzu FDO39
Type :	Full floating banjo type, Birfield constant velocity joints and permanently engaged free wheel hubs
Capacity:	3,900kgs
Rear Axle	Isuzu RO77
Type:	Full floating banjo drive axle
Final Drive:	368mm diameter ring gear
Ratio:	6.50:1
Capacity:	7,700 kgs
Oil capacity:	Approx 6.5 litres in each axle

CHASSIS

Front Suspension

- Single stage alloy steel multi leaf spring
- 1350x70x5
- Constant 268Nm/mm
- Double acting hydraulic shock absorbers

Steering

- Power assisted recirculating ball
- Gear Ratio 18.8:1
- Turns lock-to-lock 2.8

Chassis Frame

- Cold riveted ladder frame
- Rail dimensions (mm) 229 x71 x 8
- SAP440 weldable steel
- Parallel side rails

Rear Suspension

- Multi leaf main and helper
- Main spring 1300x70x7
- Constant 268N/mm
- Helper 850x70x7
- Combined constant 1030N/mm

Brakes

- Dual circuit air over hydraulic auto-adjusting front and rear drum brakes
- ABS anti-locking braking system, switchable for off-road use
- Front drums 400mm x 115mm
- Rear drums 410mm x 115mm
- Spring park brake on rear wheels
- Air controlled exhaust brake

Wheels and Tyres

- 9R22.5 133/131K tubeless tyres
- 22.5 x 6.75 x 145mm 8-stud steel wheel rims
- Step disc on front wheels
- Silver painted wheel rims
- Frame mounted spar wheel with tyre

Electrical

- 24 volt negative earth system
- Alternator: 90 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 crash tests
- Electric cab tilt to 45° with torsion bar assistance
- Silicon rubber cab mounts
- Heavy duty non-slip cab entry steps, wheel step disc on front wheels
- 90° opening doors
- Door mounted 19" heated power mirrors, flat glass on main and convex on spot mirrors
- Air dam steel front bumper with integral fog lamps
- Electric windows
- Halogen multi-reflector headlamps
- Turn signals mounted in front panel with 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
- Lockable tool box

CAB INTERIOR

- Driver's seat - ISRI 6870 air suspended, pneumatic lumbar support, height rake, auto weight adjustment, seat for occupant mass up to 150kg
- Front passenger adjustable bucket seat and front centre seat with folding backrest

CAB INTERIOR (continued)

- Full width rear bench seat with 4 seating positions
- 3-point ELR seatbelts on all outer seats with pretensioner in front outboard seats, driver's seat belt fitted integral to the seat
- All inboard seats have lap belts
- SRS including air bags on front outer seats
- Door and pillar entry assist grips both sides
- Lined interior, padded roof lining and vinyl floor covers
- RH and LH overhead storage shelf
- Central locking with keyless entry and engine immobiliser
- Twin cup holders, cigarette lighter
- Door mounted storage pockets, LH and RH glove boxes
- Centre console with storage tray, fold down storage tray in centre seat backrest
- Fluorescent interior lamp
- Multi Media radio/CD/DVD/MP3/WMA Player with 6.2" Touch Screen, Bluetooth, voice dialling, text to speech, SD and USB inputs, on-board recordable memory – optional external cameras with up to 4-way screen, GPS navigation and many other options
- 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, cruise control
- **Warning lamps:** Check engine, oil pressure, SRS, alternator charge, service brake, park brake on, seat belt unfastened, low air pressure, low fuel level, water-in-fuel, cab lock
- **Indicator lamps:** Warm up system, high beam, DPD status, low range engaged, 4WD engaged, exhaust brake, turn signals, cruise control, inter-axle lock on
- **Multi Information Display:** Shows service interval, instant and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date, includes 40 – 120 kph adjustable road speed warning

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

WEIGHTS (kgs)

Model Code	MODEL	RATINGS *		LOADING LIMITS (at ground)*		CHASSIS CAB TARE MASS **		
		GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
FS1916	FSS550 Crew	11,000	16,000	3900	7700	2850	1535	4385

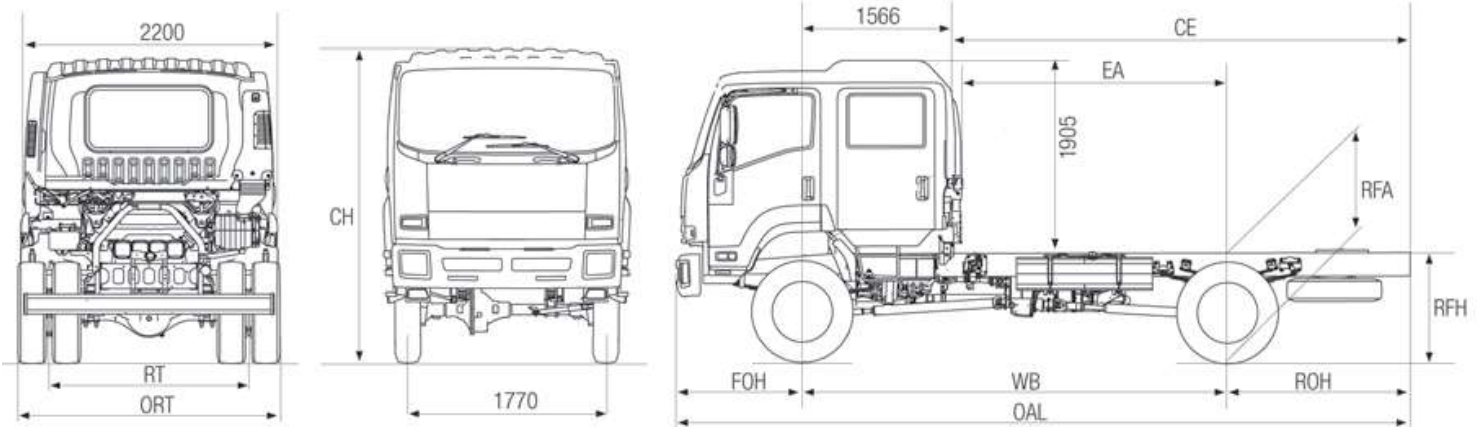
* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

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

DIMENSIONS (mm)

Model	WB	OAL	OAH *	FOH	ROH	EA	CE	RT	ORT	FW	RFH *	BOC	Kerb to Kerb (m)
FSS550 Crew	4200	7255	2880	1255	1800	2575	4489	1702	2220	840	1110	123	16.8

* Unladen condition, chassis cab only



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 to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle