

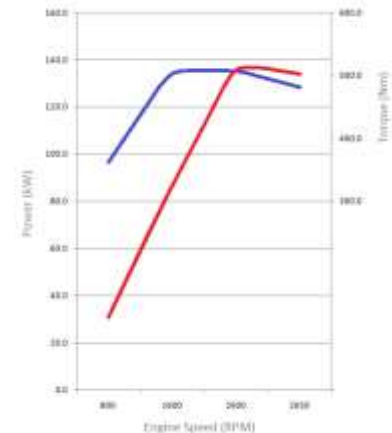


## AT A GLANCE

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

## ENGINE

<b>Engine Model:</b>	4HK1-TCS
<b>Type:</b>	4 cyl 16 valve, SOHC
<b>Displacement:</b>	5,193cc
<b>Compression Ratio:</b>	17.5:1
<b>Max Power (DIN Nett):</b>	154 kW (210 HP) @2,600 RPM
<b>Max Torque (DIN Nett):</b>	637 Nm (470 lb.ft) @1,600
<b>Emission Control System:</b>	Euro V with Exhaust Gas Retention and Diesel Particulate Diffuser
<b>Lubrication:</b>	Plate type oil cooler, spin on filter, 13 litre capacity
<b>Cooling System:</b>	Temperature controlled viscous fan hub System capacity approx 18.5 litres
<b>Fuel System:</b>	Electronically controlled direct injection, high pressure common rail 200 litre fuel tank with lockable fuel cap Water-in-fuel sensor standard
<b>Air Intake System:</b>	Electronically controlled variable nozzle turbo charger with air-to-air intercooler, vertical air intake behind cab



## TRANSMISSION

<b>Manual:</b>	MZW-6P 6 spd manual, synchromesh on 1 <sup>st</sup> to 6 <sup>th</sup> with air assisted shift
<b>Clutch:</b>	Air assisted hydraulic control, 352mm single plate clutch
<b>PTO:</b>	<b>Option 1:</b> Left side of transmission case – mainshaft driven <b>Option 2:</b> Flywheel PTO top of flywheel housing
<b>Ratios (:1)</b>	1 <sup>st</sup> 6.615, 2 <sup>nd</sup> 4.095, 3 <sup>rd</sup> 2.358, 4 <sup>th</sup> 1.531, 5 <sup>th</sup> 1.000, 6 <sup>th</sup> 0.722, Rev 6.615
<b>Oil capacity:</b>	Approx 5.3 litres
<b>Transfer Case:</b>	Isuzu TF036 selectable 4WD with hi/low range
<b>Ratio:</b>	High range: 1.00:1, Low range: 2.091:1
<b>Oil Capacity:</b>	Approx 3.7 litres

## AXLES

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

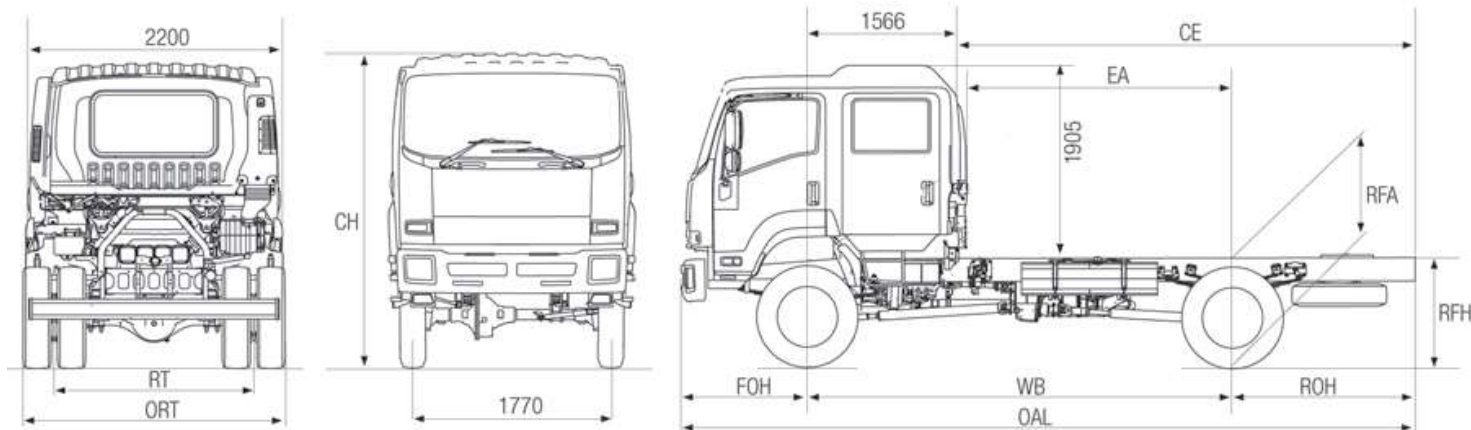
\* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

\*\* 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](http://Isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle