

Model	FRR600	FRR600 AMT	FRR600M Auto FRR600L Auto
GVM (kg)	11,000	11,000	11,000
GCM (kg)	16,000	16,000	16,000
Max Power (kW)	191	191	191
Max Torque (Nm)	760	760	760
Wheelbase (mm)	5160	5160	4360/5160
Suspension	Steel	Steel	Steel

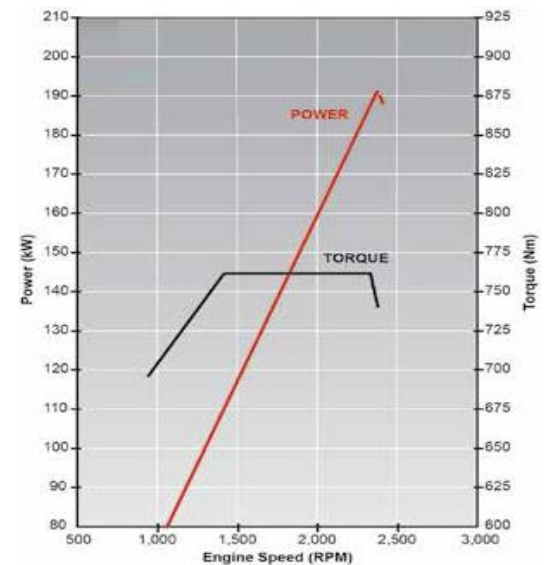


## ENGINE

<b>Engine Model:</b>	6HK1-TCC
<b>Type:</b>	6 cyl 24 valve, SOHC
<b>Displacement:</b>	7,790cc
<b>Compression Ratio:</b>	17.5:1
<b>Max Power (DIN Nett):</b>	191 kW (260 HP) @2,400 RPM
<b>Max Torque (DIN Nett):</b>	760 Nm (560 lb.ft) @1,450 - 2400 RPM
<b>Emission Control System:</b>	Euro V with Diesel Oxidation Catalyst (DOC)
<b>Fuel System:</b>	Electronically controlled direct injection, high pressure common rail 200 litre fuel tank with lockable fuel cap
<b>Air Intake System:</b>	Electronically controlled variable nozzle turbo charger with air-to-air Intercooler, vertical air intake behind cab

## PERFORMANCE

<b>Max Towed Mass (braked):</b> 10,000kgs	<b>1<sup>st</sup> Gear Gradability @GVM:</b> man/AMT 48%, Auto 23.1%
<b>Max Towed Mass (unbraked):</b> 2,000kgs	<b>Est Engine RPM @90km/h :</b> man/AMT 1750, Auto 1550



## TRANSMISSION

<b>Manual:</b>	MZW-6P (standard)
<b>AMT:</b>	6 spd - fully automated with automatic and sequential manual shift modes, hydraulically controlled wet clutch and fluid coupling with lock-up and oil-to-air cooler (optional)
<b>Ratios (:1)</b>	1st 6.615, 2nd 4.095, 3rd 2.358, 4th 1.531, 5th 1.00, 6th 0.722, Rev 6.615
<b>Auto:</b>	Allison LCT2500 (optional)
<b>Ratios (:1)</b>	1 <sup>st</sup> : 3.51, 2 <sup>nd</sup> : 1.90, 3 <sup>rd</sup> : 1.44, 4 <sup>th</sup> : 1.00, 5 <sup>th</sup> : 0.74, 6 <sup>th</sup> : 0.64, Rev 5.09
<b>PTO:</b>	Provision on LHS of transmission case, main shaft driven

## AXLES

<b>Front Axle:</b>	Isuzu F041
<b>Type:</b>	Elliot reverse I-beam
<b>Capacity:</b>	4100kgs
<b>Rear Axle:</b>	Isuzu R077 / Full floating banjo type housing
<b>Capacity:</b>	7700kgs
<b>Ratio:</b>	4.333:1

## CHASSIS

### Front Suspension

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

### Rear Suspension

- Multi leaf main spring with helper

### Chassis Frame

- Cold riveted ladder frame
- Rail dimensions (mm) 225 x 70 x 6
- HT540 weldable steel main rails
- Parallel side rails 840mm wide

### Steering

- Power assisted recirculating ball
- Gear Ratio 16:1 – 18:1
- Turns lock-to-lock 4.1

### Brakes

- Dual circuit air-over-hydraulic front and rear auto-adjusting drum
- ABS with Traction Control
- Hill Start Aid
- Front drum 320mm x 120mm
- Rear drum 320mm x 145mm
- Spring park brake on rear wheels
- Air dryer
- Air controlled exhaust brake

### Wheels and Tyres

- 17.5x6.75x135mm 6-stud steel wheel rims
- 235/75R17.5 132/130M tubeless tyres
- Silver painted wheel rims
- Frame mounted spare wheel with tyre

### Electrical

- 24 volt negative earth system
- 60 amp alternator
- 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
- Manual cab tilt to 45° with torsion bar assistance
- Liquid filled cab mounts
- 90° opening internally reinforced 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
- Halogen multi-reflector headlamps with integral turn signals
- Additional door-mounted turn signal indicators with cornering lamps
- Roof-mounted outline marker lamps
- Combined brake/turn/reverse/marker lamps

### CAB INTERIOR

- Driver's seat - ISRI 6860 air suspended seat for occupant mass up to 150kg, pneumatic lumbar support, height, rake, auto weight adjustment
- Front passenger adjustable bucket seat and front centre seat with folding backrest, console in backrest

### CAB INTERIOR (continued)

- SRS including air bag on both outer seats
- Door and pillar entry assist grips both sides
- Lined interior, padded roof lining and vinyl floor covers
- Manual control integrated air conditioning
- Height/reach adjustable steering column, soft-feel Urethane steering wheel
- Central locking with keyless entry and engine immobiliser
- Door mounted storage pockets, LH and RH glove boxes, RH and LH overhead storage shelf
- Centre console with storage tray
- 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 storage

### Instruments and Controls

- Speedometer with digital odometer and two trip meters
- Tachometer, engine coolant temperature, fuel level and dual brake air pressure gauges
- Two-speed wipers with intermittent wipe
- Key operated engine start, stop with steering lock
- **LH combination stalk:** windscreen wipers/wash exhaust brake
- **RH combination stalk:** Indicators, light switch, headlamp dip switch, cruise control
- **Warning lamps:** Check engine, oil pressure, ABS, SRS, alternator charge, service brake, park brake on, seat belt, low air pressure, water-in-fuel, low fuel level, cab lock.
- **Indicator lamps:** Warm up system, high beam, turn indicators, cruise control
- **Multi display:** shows service interval, instant and average fuel cons, voltmeter, hour meter, 40 – 120 kph adjustable speed warning, time/day/date

## WEIGHTS (kgs)

Models	Model Code	RATINGS *		LOADING LIMITS (at ground)*		CHASSIS CAB TARE MASS **		
		GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
FRR600M Auto	FR0616	11,000	16,000	4000	7600	2215	1250	3465
FRR600	FR0716	11,000	16,000	4000	7600	2270	1255	3525
FRR600 AMT	FR0816	11,000	16,000	4000	7600	2290	1260	3550
FRR600L Auto	FR0916	11,000	16,000	4000	7600	2320	1260	3580

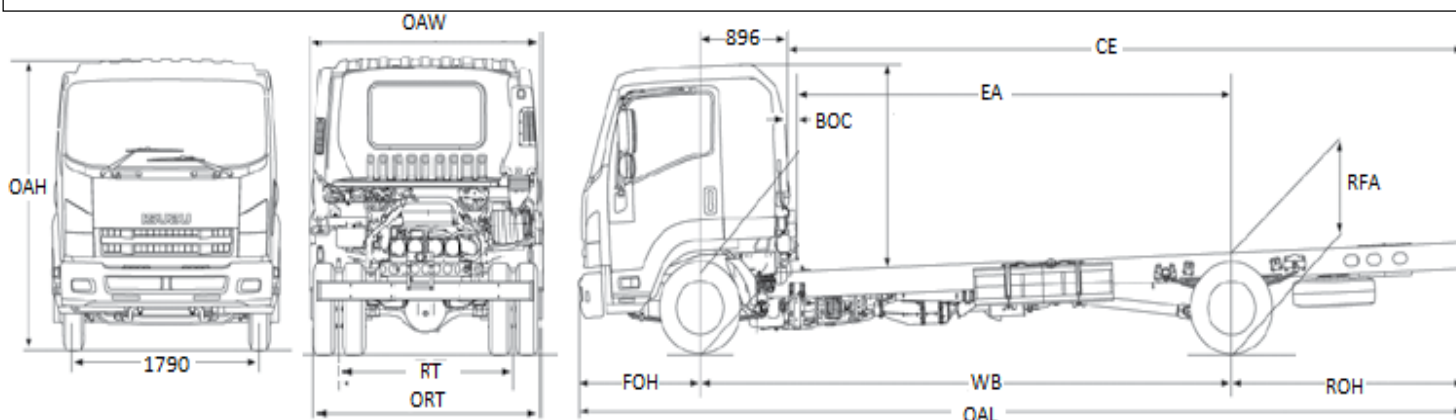
\* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

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

## DIMENSIONS (mm)

Models	WB	OAL	OAH *	OAW	FOH	ROH	EA	CE	RT	ORT	RFA *	BOC	Kerb to Kerb (m)
FRR600 & AMT	5160	8605	2585	2120	1170	2275	4175	6540	1680	2175	915	75	16.4
FRR600M Auto	4360	7255	1725	2120	1170	1725	3375	5190	1680	2175	895	75	13.9
FRR600L Auto	5160	8605	2275	2120	1170	2275	4175	6540	1680	2175	895	75	16.4

\* Unladen



## 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