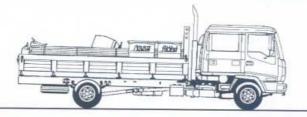
FRR500/550



ENGINE ISUZU 6HH1-N

Type: 6 cylinder, overhead camshaft, 4 stroke, direct injection, diesel.

Bore x Stroke: 115 mm x 132 mm.

Displacement: 8226 cc. Compression Ratio: 18.5:1.

Output - Power: 129 kW @ 2800 RPM, (ISO 1585) Torque: 490 Nm @ 1700 RPM. (ISO 1585)

COOLING SYSTEM

- 6 blade plastic cooling fan 500 mm diameter with thermatic fan clutch.
- Corrugated fin radiator with fan shroud. Frontal area 3820 cm2. Coolant capacity 23.3 litres.

CLUTCH

- Hydraulic control dry single plate, 355 mm (14") diameter.
- Asbestos free lining material. Total lining area (both sides) 966 cm³.

TRANSMISSION: ISUZU MBJ5J (500 CREW)

5 speed direct drive, constant mesh with synchromesh on gears 2-5. Oil capacity 4.4 litres.

Gear ratios (: 1)

 1st
 2nd
 3rd
 4th
 5th
 Rev

 6.378
 3.627
 2.307
 1.452
 1.000
 6.595

- · Maximum geared speed 108 km/h.
- 2 piece propeller shaft, 90 mm diameter.

TRANSMISSION: ISUZU MBJ6T (550 CREW)

- · 6 speed overdrive, constant mesh with synchromesh on gears 2-6. Oil capacity 5.3 litres.

• Gear ratios (: 1) | 1st | 2nd | 3rd | 4th | 5th | 6th | Rev | | 6.378 | 3.627 | 2.307 | 1.452 | 1.000 | 0.787 | 6.595 |

- Maximum geared speed 116 km/h.
- · 2 piece propeller shaft, 90 mm diameter.

REAR AXLE: ISUZU R077 CAPACITY 7700 KG

- · Banjo type, fully floating, single reduction. Ratio (500 Crew) 4.33:1, (550 Crew) 5.12:1.
- Hypoid type ring gear. 343 mm diameter. Oil capacity 5.5 litres.

FRONT AXLE: ISUZU FO36 CAPACITY 3600 KG

· Reverse Elliot I-beam type. King pin diameter 35 mm with cylindrical roller thrust bearing.

BRAKES

- Air over hydraulic, dual circuit, front two leading, rear dual two leading. Drum diameter front and rear 320 mm. Total swept area 5127 cm2.
 - · Air dryer.
 - · Asbestos free lining material.
 - Spring park brake acting on rear wheels.

AIR INTAKE SYSTEM

Donaldson 11" two stage with vertical air intake stack and rain head.

ELECTRICAL SYSTEM

- Batteries 2 x 12 volt / 65 amp/h, negative earth.
- Alternator 24 volt / 40 amp.
- Starter motor 24 volt / 4.5 kW.
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting.

EXHAUST SYSTEM

- · Horizontal exhaust muffler with vertical exhaust stack.
- · Exhaust brake, air controlled.

FUEL SYSTEM

 In line plunger, Bosch 'AD' type fuel injection pump with mechanical all speed governor. In line filter, see through water separator with drain cock. Single fuel tank, capacity 180 litres.

STEERING

- · Fully integral, power assisted, recirculating ball type.
- Gear ratio 16.1 ~ 18.8 : 1. Turns lock to lock 4.1.
- Gear driven vane type oil pump. Oil capacity 1.5 litres.

SUSPENSION

- · Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greaseable shackles.
- x Width x Thickness x No. leaves Length 1200 mm x 70 mm x 10 mm x
- · Hydraulic, double acting, telescopic shock absorbers.

· Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greaseable shackles.

	Length	X	Width	X	Thickness	X	No. leaves
Main:	1300 mm	X	70 mm	X	11 mm	X	8
Aux:	850 mm	X	70 mm	X	10 mm	x	3
	850 mm	x	70 mm	X	11 mm	X	4

WHEELS AND TYRES

- 6.00 x 17.5, 6 stud disc wheels, 225/90R17.5-14 ply tubeless tyres front and rear.
- Number of wheels and tyres 7, including spare. Winch type spare wheel carrier.

CHASSIS FRAME

- · Parallel rail, ladder type channel section, cold riveted.
- Straight frame for easy body mounting. Frame width 840 mm.
- Side member dimensions 225 mm x 70 mm x 6 mm.
- Frame reinforcement angle section 203 mm x 64 mm x 4.5 mm at back of cab.
- Material HT540A high tensile, weldable steel.

ISCZU GENERAL MOTORS AUSTRALIA LTD ACN, 006-962-572-24/100,000 WARRANTY. Subject to the conditions of the LCM New Vehicle Warranty, every basin Truck carries a warranty vehicle for the first 24 months or 106,000 km (whichever course first), A. 36 months or 150,000 km (whichever course first), a. 36 months on the properties of the first person of 150,000 km (whichever course first), a. 36 months unfinited kilometers cab curronts warranty. PLASE NOTE: as the policy of 150M is one of commandal product in upprovement, all specifications and equipment are subject to change without notice. Any body librariated is not standard equipment. We LGM dealer of other person is authorised or permitted to give or make any statement, assertion or undertaking in relation to the quality, performance, characteristic, descriptions or library for any purpose of any LGM product a wind written statement, assertion or undertaking on any of these subjects given or made by LGM in its published sales literature, and the company accepts no liability for any such manuforised action. LGM has functived dealers in many parts of Australia, for the sale of service, parts and the provision of service to the owners of LGM product. Every endeavour's among the subject of a subject to provide satisfactory service, but make to provision, other than that contained in the LGM new vehicle warranty, that wach parts or service facilities will be available or available at any specific location or at any particular time. A word about this specification sheet. We have tried to make it as comprehensive and factual as possible. However, since the finite of printing some of the information con will limb here may have been updated. Also, some of the conjument shown or described through this specification sheet may have been updated and on a canadable at any secretic access. And the right is reserved to make changes at any time without notice, in prices, colours, materials, equipment and models. Your LGM dealer has details and before ordering, you should ask him/h

LUBRICATION SYSTEM

Pressure feed lubrication with combination full flow and partial flow by-pass filter. Plate type oil cooler in water jacket. Oil capacity 13.5 litres including filter.

CAB EXTERIOR

- · All steel, power tilt 4 door cab with welded strengthening ribs and side door impact beams.
- Cation electrodeposition primer.
- · Bumper bar with step holes and footplate.
- Halogen headlamps, hinged for easy bulb replacement. Park lamps and cab clearance lamps.
- Turn signal lamps in front bumper and doors.
- · 2 speed wiper/washer with variable intermittent mode. Triple washer jets mounted on wiper arms.
- Tinted, laminated windscreen; tinted, toughened side and rear glass.
- West Coast type rear view mirrors.
- Alloy non-slip cab front entry steps. Steel rear entry steps.
- Lift up front access panel for clutch and windscreen washer fluids, cab air filter screen. Engine and brake fluid check points at rear of cab.

CAB INTERIOR

- Cloth covered driver's seat with mechanical suspension and 3 way lumbar support. Adjustment for seat back recline, seat slide and weight control.
- · Cloth covered outboard reclining passenger seat with underseat storage drawer. Folding centre seat back with lockable compartment and tray.
- · Rear 4 person bench seat with vinyl covering.
- · Formed roof lining. Overhead storage lockers. Driver and passenger sun visors. Heavy duty vinyl floor mat.
- All outboard seating positions have lap/sash seat belts with emergency locking retractors. All inner seating positions have lap seat belts.
- · Pull out drinks holder in centre fascia, cigarette lighter with ash trays in all doors.
- Tilt/telescopic adjustable steering column, soft feel urethane steering wheel.
- · Easy entry grab handles on 'A' & 'B' pillars (front doors) and 'B' and 'C' pillars (rear doors).
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets, demister ducts to door glass,
- AM/FM radio cassette with digital clock, dash mounted.
- DIN standard aperture in dash for CB radio.
- Park brake activation lever at left side of driver's seat.
- Rear vision mirror.
- Front passenger side assist grip. Full cab width grab rail for rear passengers.
- Driver's left foot rest.
- Business card clip.
- Elastic mesh pocket on driver's door.

CONTROLS

- · Left side combination stalk switch for exhaust brake, windscreen wipers and washer, hazard lamps.
- · Right side combination stalk switch for headlamps, high beam and turn signals.
- Engine idle speed adjust control.



- Key operation for engine start and stop, external engine crank switch for service when cab is tilted.
- 2 interior lamps, each with 3 way switch, activated by either front door.
- 24 volt-2 pin accessory plug in centre console.

INSTRUMENTATION

- GAUGES: Speedometer, odometer, trip meter and tachometer Gauges for coolant temperature, fuel level and brake air
- WARNING LAMPS: With warning bulb check switch. Battery charge, oil pressure, low air pressure, brake system, stop and tail light failure.
- · INDICATOR LAMPS: Turn signals, parking brake on, high beam on, exhaust brake engaged. Reversing lamp and beeper.

TOOLS

· Lockable tool box with 7000 kg capacity jack and wheel changing tools, tool kit.

MODEL, CODES & RATINGS

MODEL	WHEELBASE	GVM	GCM	ORDERING CODE
FRR 500 CREW	4250mm	10,400kg	16000kg	8FC03-261
FRR 550 CREW	4850mm	10,400kg	16000kg	8FF03-261

KERB MASS* (kg)

	Front	Rear	Total
FRR 500 CREW	2,270	1,030	3,300
FRR 550 CREW	2,315	1,055	3,370

Estimated mass of chassis cab with oil, water and fuel tank containing 10 litres of fuel.

DIMENSIONS (mm)

	FRR 500 CREW	FRR 550 CREW
WB Wheelbase	4,250	4,850
OAL Overall Length	7,220	8,170
ROH Rear Overhang	1,785	2,135
CA Cab To Axle	2,745	3,345
CE Cab To End Of Frame	4,530	5,480
FFH Front Frame Height, Unladen	795	785
FFH Front Frame Height, Laden	770	761
RFH Rear Frame Height, Unladen	875	900
RFH Rear Frame Height, Laden	809	835
Turning Circle (Kerb To Kerb)	13.4m	14.9m
Nominal Max. Body Length*	5,040	5,850

^{*}Except Turning Circle: metres. *Subject to weight distribution

