

# ISUZU FSS 550

## 4X4



### ENGINE ISUZU 6HH1-S

- Type:** 6 cylinder, overhead camshaft, four stroke, direct injection, diesel.
- Bore x Stroke:** 115 mm x 132 mm.
- Displacement:** 8226 cc.
- Compression Ratio:** 18.5 : 1.
- Output - Power:** 150 kW @ 2850 RPM. (ISO 1585)
- Torque:** 539 Nm @ 1700 RPM. (ISO 1585)

### CLUTCH

- Hydraulic control dry single plate. 352 mm (14") diameter.
- Asbestos free lining material. Total lining area (both sides) 1164 cm<sup>2</sup>.

### TRANSMISSION ISUZU MBJ5J

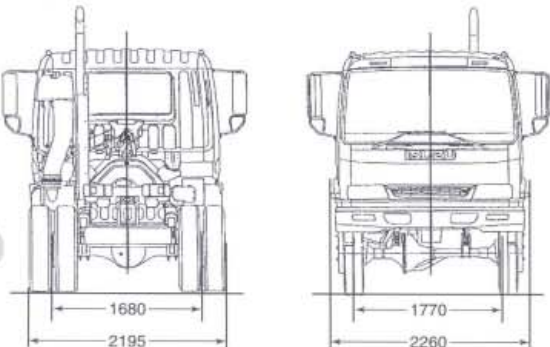
- 5 speed direct drive, constant mesh with synchromesh on gears 2-5. Oil capacity 4.4 litres.
  - Gear ratios (: 1)
- |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 1st   | 2nd   | 3rd   | 4th   | 5th   | Rev   |
| 6.378 | 3.627 | 2.307 | 1.452 | 1.000 | 6.595 |
- Maximum geared speed 98 km/h
  - Two speed transfer case, electric/air shift control, oil to air oil cooler.
  - Ratios (: 1) High 1.000, Low 2.091. Oil capacity: 3.0 litres.
  - 3 piece propeller shaft, 90 mm diameter.

### REAR AXLE ISUZU R065 CAPACITY 6500 KG

- Banjo type, fully floating, No-Spin differential lock. Ratio 5.125 : 1.
- Hypoid type ring gear, 365 mm diameter. Oil capacity 6.5 litres.

### BRAKES

- Air over hydraulic, dual circuit, front two leading, rear dual two leading. Drum diameter front 400 mm, rear 410 mm. Total swept area 5853 cm<sup>2</sup>.
- Air dryer.
- Asbestos free lining material.
- Spring park brake acting on rear wheels.



MODEL	WHEELBASE	GVM	GCM	ORDERING CODE
FSS 550 4x4	3700mm	10000kg	15000kg	8FN02-571

### KERB MASS (kg)\*

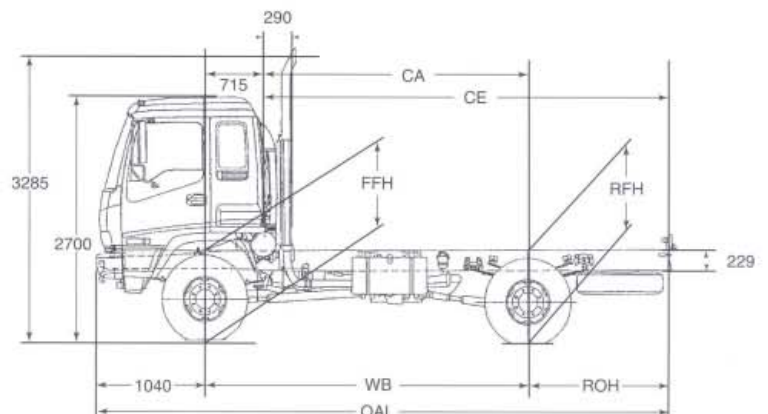
	Front	Rear	Total
FSS 550 4x4	2,525	1,450	3,975

\*Estimated mass of chassis cab with oil, water and fuel tank containing 10 litres of fuel. Excluding spare wheel and tools.

### DIMENSIONS (mm) \*

	FSS 550 4x4
Wheelbase (WB)	3,700
Overall Length (OAL)	6,570
Rear Overhang (ROH)	1,605
Cab To Axle (CA)	2,985
Cab To End Of Frame (CE)	4,590
Front Frame Height, Unladen (FFH)	980
Front Frame Height, Laden (FFH)	950
Rear Frame Height, Unladen (RFH)	1,037
Rear Frame Height, Laden (RFH)	910
Turning Circle (Kerb To Kerb)	15.2m
Nominal Max. Body Length*	4,765

\*Except Turning Circle: metres. \*Subject to weight distribution



ISUZU GENERAL MOTORS AUSTRALIA LTD. A.C.N. 000 902 372 21. 100.000 KILOMETER WARRANTY. Subject to the conditions of the IGM New Vehicle Warranty, every Isuzu Truck carries a warranty which covers one vehicle for the first 24 months or 100,000 km (whichever comes first). A 3rd month or 100,000 km (whichever comes first) power train warranty (this covers only the engine and gearbox) is also available. In addition, Isuzu offers a 30 month unlimited kilometre warranty on all Isuzu trucks. PLEASE NOTE: in the event of IGM claims a customer must possess a complete set of original parts and equipment. All specifications and equipment are subject to change without notice. Not every Isuzu truck is standard equipment. No IGM dealer or other person is authorized to provide any warranty, assertion of undertaking or reference to the quality, performance characteristics, description or fitness for any purpose of any IGM product or in connection with the supply of any IGM product which is in variance with any express statement, assertion or undertaking made by or on behalf of IGM in its published sales literature, and the customer accepts no liability for any such disclaimer which IGM has furnished to dealers in many parts of Australia. For the sale of vehicle parts and the provision of service to the owners of IGM products, every customer is made to ensure that such facilities carry adequate stocks of service parts and are equipped to provide satisfactory service, but makes no promise other than that contained in the IGM New Vehicle Warranty. That such parts or service facilities will be available or available at any specific location 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 time of printing some of the information presented here may have been replaced. Also some of the equipment shown is described through this specification sheet may have been changed (either in colour, cost) and the right to reserved to make changes at any time without notice in price, colour, material, equipment and model. Your IGM dealer has details and before ordering, you should ask whether it being correct to date.

**ISUZU**  
RELIABILITY IS EVERYTHING



## AIR CLEANER

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

## CHASSIS FRAME

- Parallel rail, ladder type channel section, cold riveted.
- Straight frame for easy body mounting. Frame width 840 mm.
- Side member dimensions: 229 mm x 71 mm x 8 mm.
- Material, SAPH440, weldable mild steel

## COOLING SYSTEM

- 6 blade plastic cooling fan 500 mm diameter with thermatic fan clutch.
- Corrugated fin radiator with fan shroud. Frontal area 3820 cm<sup>2</sup>. Coolant capacity 23.3 litres.

## 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.

## FRONT AXLE ISUZU FD039 CAPACITY 3900 KG

- Split type, fully floating with Birfield type steering ball joint. Ratio : 5.125 : 1
- Spiral bevel type ring gear, 365 mm diameter. Oil capacity 3.2 litres.

## FRONT SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greaseable shackles.
- | Length  | x | Width | x | Thickness | x | No. leaves |
|---------|---|-------|---|-----------|---|------------|
| 1350 mm | x | 70 mm | x | 12 mm     | x | 2          |
|         |   | 70 mm | x | 14 mm     | x | 2          |
|         |   | 70 mm | x | 16 mm     | x | 1          |
- Hydraulic, double acting, telescopic shock absorbers.

## FUEL SYSTEM

- In line plunger, Bosch 'ADS' 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.

## 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.

## REAR SUSPENSION

- 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 | 3          |
|       |         |   | 70 mm | x | 12 mm     | x | 4          |
| Aux:  | 850 mm  | x | 70 mm | x | 10 mm     | x | 3          |
|       | 850 mm  | x | 70 mm | x | 11 mm     | x | 4          |

## STEERING

- Fully integral, power assisted, recirculating ball type.
- Gear ratio 16.1 ~ 18.8 : 1. Turns lock to lock 2.8.
- Gear driven vane type oil pump. Oil capacity 1.5 litres.

## TOOLS

- Lockable tool box with 7,000 kg capacity jack and wheel changing tools, tool kit.

## WHEELS AND TYRES

- 6.50T x 20, 8 stud disc wheels, 8.25R20 tubed tyres front and rear.
- Number of wheels and tyres 7, including spare. Winch type spare wheel carrier.

## 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 windshield; tinted, toughened side and rear glass.
- West Coast type rear view mirrors. Convex mirror surface on passenger side.
- 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

- Driver's seat with mechanical suspension and 3 way lumbar support. Adjustment for seat back recline, seat slide and weight control.
- Outboard reclining passenger seat with under-seat storage drawer. Folding centre seat back with lockable compartment and tray.
- Rear 4 person bench seat.
- Vinyl seat material and heavy duty vinyl floor mat, formed roof lining. Overhead storage lockers. Driver and passenger sun visors.
- 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.

## INSTRUMENTATION

- Speedometer, odometer, trip meter and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.

## INDICATOR LAMPS

- Turn signals, parking brake on, high beam on, exhaust brake engaged.
- Reversing lamp and beeper.
- High/Low ratio engaged, Transfer Case (4WD) engaged.

## WARNING LAMPS

- With warning bulb check switch.
- Battery charge, oil pressure, low air pressure, brake system, stop and tail light failure.

## 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.
- Dash mounted switches for Transfer Case (4WD Engage and High/Low Range) control.
- 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.

**FSS 550** 4X4/CREW

**ISUZU**  
RELIABILITY IS EVERYTHING