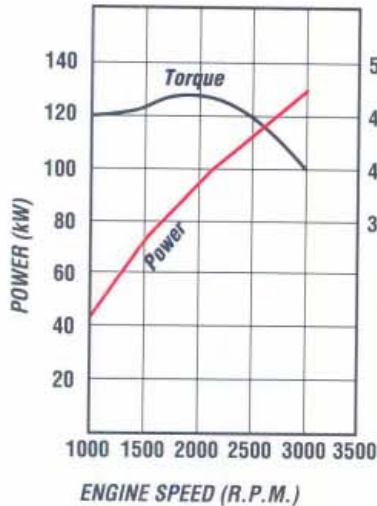


# 800

**FTR 800 MEDIUM**

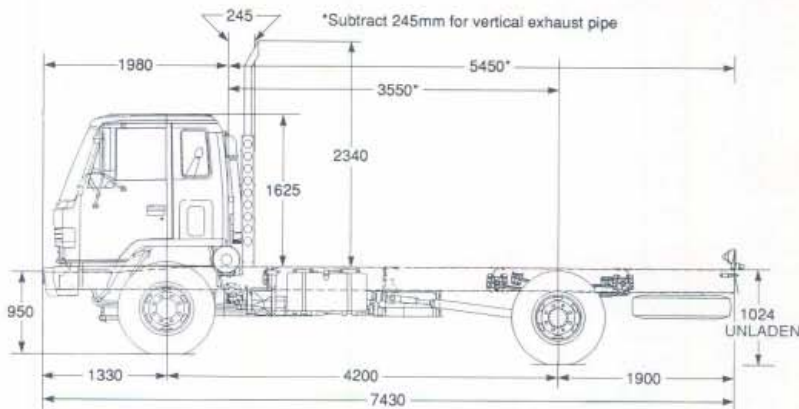
**GVM: 13,900kg**  
**GCM: 20,400kg**  
**WHEELBASE: 4,200mm**

## ISUZU 6HE1 ENGINE PERFORMANCE

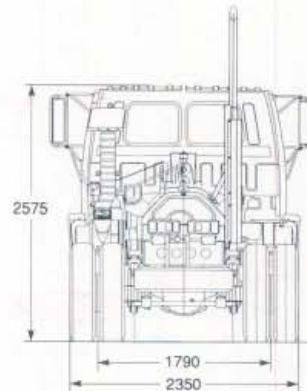


- Type: 6 cylinder overhead camshaft diesel, four stroke, direct injection
- Bore x Stroke 110 x 125 mm
- Displacement 7127 cc
- Compression Ratio 17.0:1
- Output-Power 129 kW @ 3000 rpm (DIN Nett)
- Torque 471 Nm @ 1800 rpm (DIN Nett)

## DIMENSIONS AND WEIGHTS



*ESTIMATED KERB MASS (kg)	
FRONT	2574
REAR	1766
TOTAL	4340
FRAME WIDTH (mm)	850
TURNING CIRCLE (m)	
Kerb to Kerb	14.4
BODY LENGTH (mm)	5486
Subject to weight distribution	



\*Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.

ISUZU-GENERAL MOTORS AUSTRALIA LTD A.C.N. 006 962 572

12/50 WARRANTY: Every Isuzu Truck is covered by the I-GM new vehicle warranty which covers your vehicle for the first 12 months or 50,000 kilometres.

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CT3293-4/92

ISUZU





# 800

FTR 800 MEDIUM

**ORDERING CODE:**  
**8FL02-411**

## ENGINE - ISUZU 6HE1

### Lubrication:

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Plate type oil cooler in water jacket. Oil capacity 15 litres including filter.

### Cooling System:

- Six blade plastic cooling fan, size 470 mm diameter with thermatic fan clutch.
- Tube and corrugated fin pressure type radiator with bell mouth fan shroud. Size (mm) 622 h x 559 w x 53 t. Frontal area 0.348 m<sup>2</sup>.
- Coolant capacity 19 litres.

## FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 11" with vertical air intake stack and rain head.
- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor.
- In line paper filter, see through water separator with drain cock.
- Fuel tank capacity 200 litres.
- Horizontal exhaust muffler with vertical exhaust stack.

## CLUTCH

- Hydraulic control dry single plate with coil type cushioning springs. 350 mm (14") diameter. Lining area 1164 cm<sup>2</sup> (each side).
- Asbestos free lining material.

## TRANSMISSION ISUZU MLD7R

- Seven speed overdrive, constant mesh with synchromesh on gears 2-7 and power assisted shift control, oil capacity 8.3 litres.
- **Gear Ratios:1**

1st	8.181
2nd	5.167
3rd	3.333
4th	2.105
5th	1.347
6th	1.000
7th	0.863
Reverse	8.307
- Maximum geared speed 99 km/h.
- Two piece propeller shaft, 90 mm diameter  
Length: 1st section 746 mm  
2nd section 1287 mm

## REAR AXLE - CAPACITY 9,200kg

- Banjo type, fully floating, single reduction. Ratio 6.143:1
- Hypoid type ring gear, 398 mm diameter  
Oil capacity 8 litres

## REAR SUSPENSION

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

- Size - length x width x thickness: No leaves  
Main: 1420 x 80 x 12 mm - 1 leaf  
1420 x 80 x 13 mm - 6 leaves  
Auxiliary: 1000 x 80 x 13 mm - 4 leaves  
1000 x 80 x 12 mm - 2 leaves
- Stabiliser bar.

## FRONT AXLE CAPACITY - 6,300KG

- Reverse Elliot I beam type, king pin diameter 50 mm with cylindrical roller thrust bearing.

## FRONT SUSPENSION

- Semi-elliptical, alloy steel taper leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness; No leaves  
1470 x 80 x 19 mm - 1 leaf  
1470 x 80 x 21 mm - 2 leaves
- Stabiliser bar
- Hydraulic, double acting, telescopic shock absorbers.

## STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 22.4:1 Turns lock to lock 5.4.
- Gear driven vane type oil pump, oil capacity 3.5 litres.

## BRAKES

- Air over hydraulic dual circuit, front two leading, rear dual two leading. Drum diameter front and rear 410 mm. Total swept area 7209.4 cm<sup>2</sup>.
- Spring park brake acting on rear wheels.
- Butterfly, air controlled exhaust brake system. Activation switch on wiper/washer control stalk.

## CHASSIS FRAME

- Parallel rail, ladder type, channel section cold rivetted.
- Side member dimensions 253 x 80 x 7.5 mm
- Frame reinforcement angle section 224 x 72.5 x 4.5 mm at back of cab.
- High tensile steel HT 55 weldable frame material.

## WHEELS AND TYRES

- 7.00T x 20 - 10 stud disc wheels 22 mm bolt size.
- 9.00 R 20 - 14 ply radial Tyres, Front and Rear.
- Number of tyres, 7 including spare.
- Winch type spare wheel carrier.

## ELECTRICAL SYSTEM

- Batteries - 2 x 12 volt - 55 amp/h, negative earth.
- Alternator - 24 volt - 40 amp.
- Starter motor - 24 volt - 4.5 kW output.
- Rear stop and tail lamps and license plate lamp with long leads for variable body mounting. Turn signal side indicator lamps for body mounting.

## CAB EXTERIOR

- All steel cab, manual tilt to 45°, cation electro deposition primer. Torsion bar counter balanced with silicon sealed hydraulic mountings.
- Heavy duty bumper bar with four rectangular halogen headlamps inset.
- Combination turn signal and park lamps.
- Laminated windshield, 2 speed wiper/washer with intermittent mode.
- Front and rear quarter vent windows.
- West coast type rear view mirrors with clearance lamps.
- Corrosion resistant non slip cab entry steps.
- Access to engine fluid checks without tilting cab.
- Tool kit with 10,000 kg capacity jack.

## CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visors.
- ISRI 5000 drivers seat with mechanical suspension and lumbar support, adjustment for seat back recline, seat slide and height control.
- Outboard passenger seat, folding centre seat back with lockable compartment and snack tray.
- Outboard lap/sash seat belts with emergency locking retractors inboard lap seat belt.
- Tilt telescopic adjustable steering column, soft feel urethane steering wheel.
- Easy entry grab handles on 'A' and 'B' pillars.
- Heater demister with 4 speed fan, 4 outlets to screen 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.

## INSTRUMENTATION

- Speedometer, odometer, and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.
- Dash illumination control.

## INDICATOR LAMPS

- Turn signals, parking brake on, high beam on, exhaust brake engaged, brake fluid level.

## WARNING LAMPS

- With warning bulb check switch.
- Battery charge, oil filter clogged, oil pressure. Low air pressure, brake system, air cleaner clogged stop and tail lamp failure.

## SWITCHES

- Left side combination switch for exhaust brake, wipers and washer.
- Right side combination switch for headlamps turn signals and headlamp dip.
- Hazard lamp switch.
- Key operation for engine stop and start external engine crank switch for service when cab is tilted.
- Three way switch for interior lamp activated by driver and passenger doors.
- 24 volt 2 pin accessory plug on centre fascia panel.