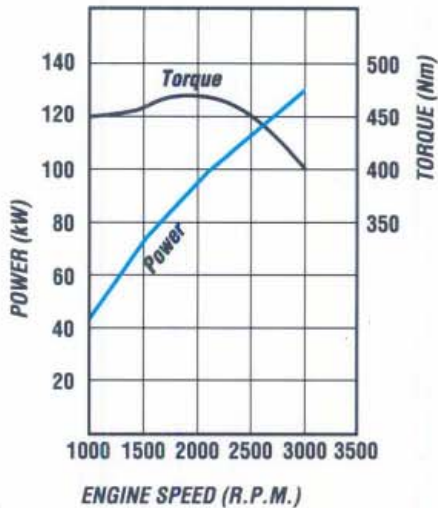


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FSR 650 LONG

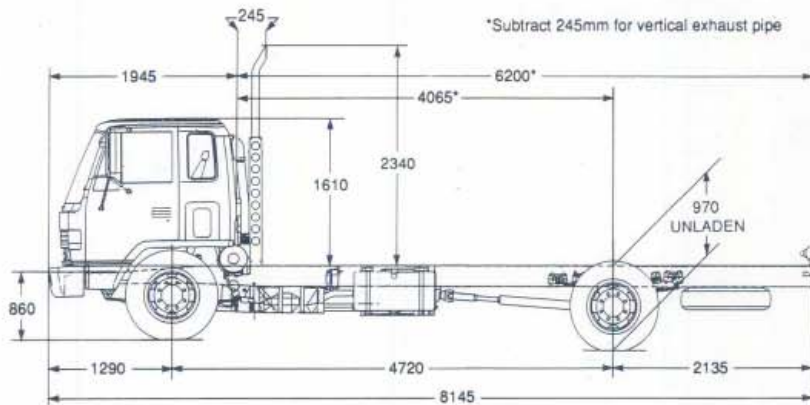
GVM: 11,000kg
GCM: 16,000kg
WHEELBASE: 4,720mm

ISUZU 6HE1 ENGINE PERFORMANCE

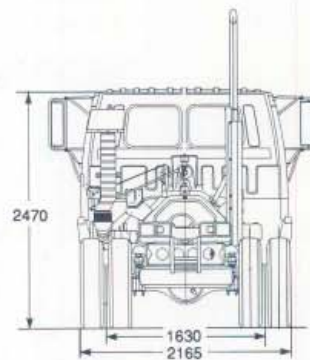


- Type: 6 cylinder overhead camshaft diesel, four stroke, direct injection
- Bore x Stroke 110 x 125 mm
- Displacement 7127 cc
- Compression Ratio 17.0:1
- Output-Power 129 kW @ 3000 rpm (DIN Nett)
- Torque 471 Nm @ 1800 rpm (DIN Nett)

DIMENSIONS AND WEIGHTS



*ESTIMATED KERB MASS (kg)	
FRONT	2180
REAR	1420
TOTAL	3600
FRAME WIDTH (mm)	800
TURNING CIRCLE (m)	
Kerb to Kerb	16.4
BODY LENGTH (mm)	6400
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

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FSR 650 LONG

ORDERING CODE:
8FH02-311

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 52 t. Frontal area 0.348 m².
- Coolant capacity 25 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.
- Asbestos free lining material. Total swept area (both sides) 1054 cm².

TRANSMISSION ISUZU MBG6P

- 6 speed overdrive, constant mesh, synchromesh on gears 2-6 oil capacity 6.1 litres.
- Gear ratios:1

1st	6.378	4th	1.452
2nd	3.627	5th	1.000
3rd	2.239	6th	0.787

Reverse 5.835
- Maximum geared speed 110 km/h.
- Two piece propeller shaft, 90 mm diameter
Length: 1st section 1348 mm
2nd section 1267.5 mm

REAR AXLE - R077 CAPACITY 7700 KG

- Banjo type, fully floating, single reduction. Ratio 6.143:1.
- Hypoid type ring gear, 365 mm diameter
Oil capacity 6.5 litres

REAR SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size: length - width x thickness, No. leaves.
Main: 1300 - 70 x 12 mm, 8 leaves
Auxiliary: 850 - 70 x 11 mm, 2 leaves
70 x 12 mm, 5 leaves

FRONT AXLE - F036 CAPACITY 3,600 KG

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

FRONT SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size: length - width x thickness, No. leaves
1350 - 70 x 11 mm, 1 leaf
70 x 12 mm, 6 leaves
- Hydraulic, double acting, telescopic shock absorbers.

STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 16.1-18.8:1. Turns lock to lock 4.6.
- Gear driven vane type oil pump, oil capacity 2.0 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 5849.8 cm².
- Asbestos free lining material.
- 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 225 x 70 x 6 mm
- Frame reinforcement angle section. 203 x 64 x 4.5 mm at back of cab. 213 x 64 x 3.2 mm at rear axle.
- Material, SAPH45 mild steel.

WHEELS AND TYRES

- 6.50T x 20 - 8 stud disc wheels, 20 mm bolt size. 145 mm offset.
- 8.25 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 - 53 amp/h, negative earth.
- Alternator - 24 volt - 40 amp.
- Starter motor - 24 volt - 4.5 kW output.
- Rear stop and tail lamps and licence 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.
- Heavy duty bumper bar with four rectangular halogen headlamps inset.
- Combination turn signal and park lamps.
- Tinted laminated windshield, 2 speed wiper/washer with intermittent mode.

- Tinted quarter vent, side and rear glass.
- 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 7000 kg capacity jack.

CAB INTERIOR

- Fully trimmed cab interior with two tone cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visor.
- ISRI 6000 drivers seat with mechanical suspension and lumbar support, adjustment for seat back recline, seat slide and height control.
- Outboard reclining 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 'A' and 'B' pillars.
- Heater demister with 4 speed fan, 4 outlet vents 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.