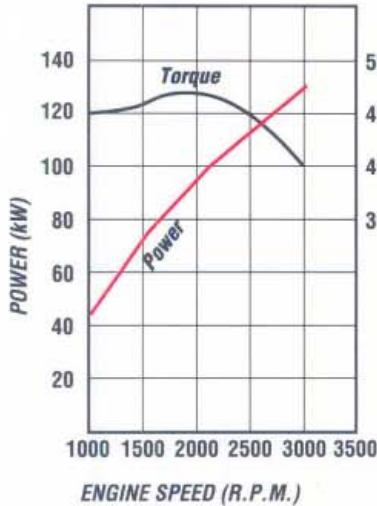


650

FSR 650 SHORT

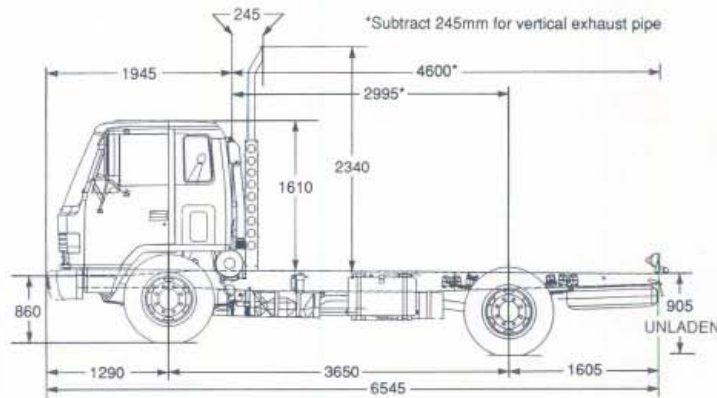
GVM: 11,000kg
GCM: 16,000kg
WHEELBASE: 3,650mm

ISUZU 6HE1 ENGINE PERFORMANCE

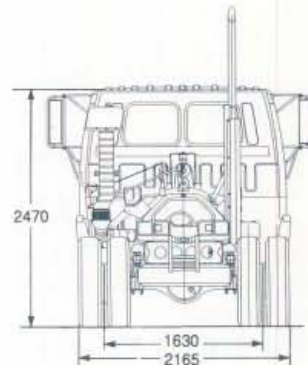


- Type: 6 cylinder, overhead camshaft diesel, four stroke, direct injection.
- Bore x Stroke 110 x 125 mm
- Displacement 7127 cc
- Compression Ratio 17.0:1
- Output-Power 129 kW @ 3000 rpm (DIN Nett)
- Torque 471 Nm @ 1800 rpm (DIN Nett)

DIMENSIONS AND WEIGHTS



*ESTIMATED KERB MASS (kg)	
FRONT	2307
REAR	1153
TOTAL	3460
FRAME WIDTH (mm)	800
TURNING CIRCLE (m)	
Kerb to Kerb	13.0
BODY LENGTH (mm)	4877
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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650

FSR 650 SHORT

ORDERING CODE:
8FG02-311

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) 662 h x 559 w x 53 t. Frontal area 0.348 m².
- 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 160 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 cm² (each side).
- Asbestos free lining material.

TRANSMISSION - ISUZU MBG6P

- Six speed overdrive, constant mesh, synchromesh on gears 2-6. Oil capacity 6.1 litres.
- **Gear Ratios:1**

1st	6.378
2nd	3.627
3rd	2.239
4th	1.452
5th	1.000
6th	0.787
Reverse	5.835
- Maximum geared speed 110 km/h
- Two piece propeller shaft, 90 mm diameter
Length: 1st section 533 mm
2nd section 1027.5 mm

REAR AXLE - CAPACITY 7,700kg

- Banjo type, fully floating, single reduction. Ratio 6.143:
- 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 x width x thickness. No. leaves
Main: 1300 x 70 x 12 mm - 8 leaves
Auxiliary: 850 x 70 x 11 mm - 2 leaves
850 x 70 x 12 mm - 5 leaves

FRONT AXLE CAPACITY - 3,600kg

- 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 x width x thickness - No. leaves:
1350 x 70 x 11 mm - 1 leaf
1350 x 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
- High tensile steel, HT55 weldable frame material.

WHEELS AND TYRES

- 6.50T x 20 - 8 stud disc wheels, 22 mm bolt size.
- 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 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.
- 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 7000kg capacity jack.

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining and overhead parcel shelf with drivers 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 belts.
- 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 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, fuel level, 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.