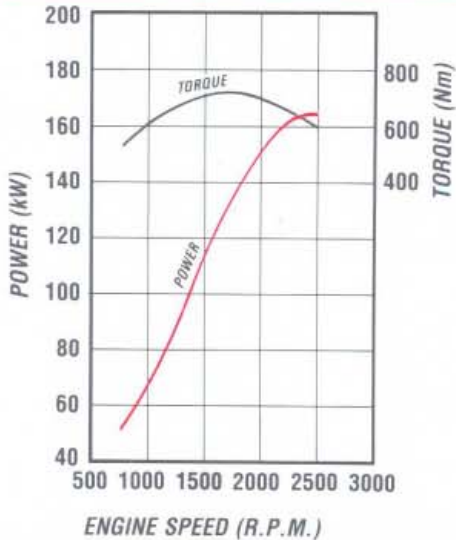


1400

FVZ 1400 MEDIUM

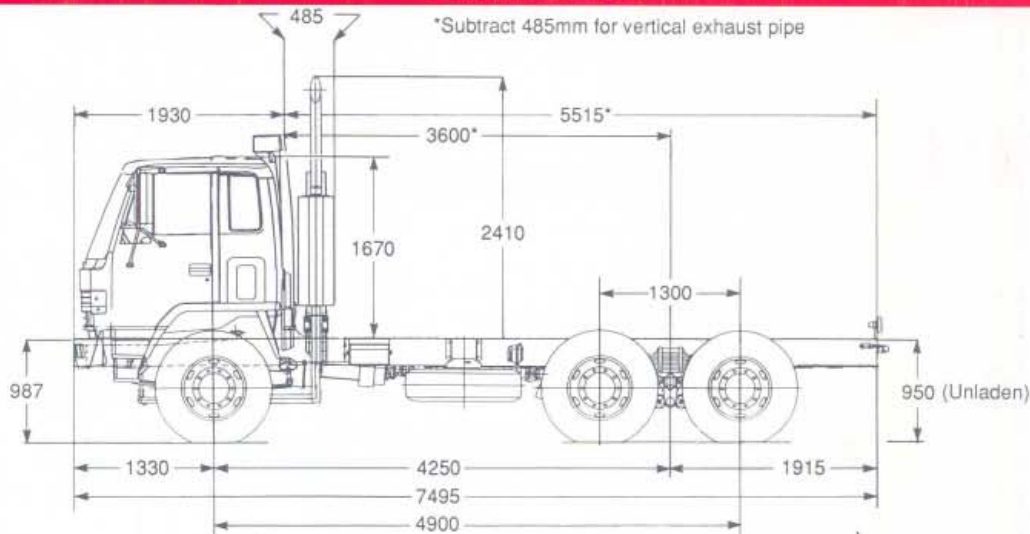
GVM 22,500 kg
GCM 30,000 kg
WHEELBASE 4,250 mm

ISUZU 6SA1-T ENGINE PERFORMANCE

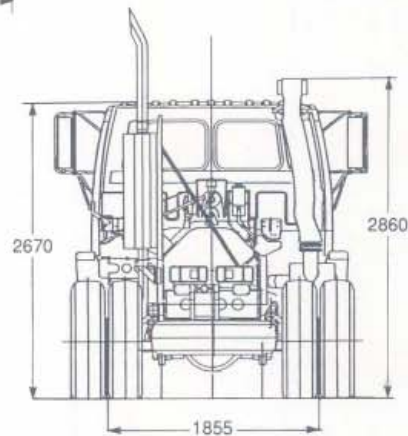


- Type: 6 Cylinder Turbocharged Diesel, four stroke, overhead camshaft, direct injection
- Bore x Stroke (mm) 115 x 135
- Displacement 8413 (cc)
- Compression ratio (:1) 16.3
- Output-Power (kW) 163 @ 2500 rpm (DIN Nett)
- Torque (Nm) 735 @ 1700 rpm (DIN Nett)

DIMENSIONS



*ESTIMATED KERB MASS (kg)	
FRONT	3050
REAR	3550
TOTAL	6600
FRAME WIDTH (mm)	
	850
TURNING CIRCLE (m)	
kerb to kerb	16.6
BODY LENGTH (mm)	
	5330
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. 306 962 572

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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CT2933-10/91

ISUZU





1400

FVZ 1400 MEDIUM

ORDERING CODE
8EX02-754

ENGINE - ISUZU 6SA1-T

Lubrication:

- Pressure feed lubrication with full flow paper element filter, oil cooler. Oil capacity 16.6 litres including filter.

Cooling System:

- Six blade plastic cooling fan with thermatic clutch, size 520 mm diameter.
- Tube and corrugated fin pressure type radiator. Size (mm) 682h x 559w x 80t. Frontal area 0.393 m² with bell mouth fan shroud.

FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 13" with high vertical air intake stack and rain head.
- In line plunger, Bosch 'AD' 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.
- Vertical exhaust muffler, mounted on independent gantry with heat shield.

CLUTCH

- Hydraulic control, dry single plate with 6 coil type cushioning springs, 380 mm diameter. Lining area 1362 cm² torque capacity 735 Nm.
- Air servo assistance.

TRANSMISSION FULLER ROADRANGER RT6613

- 13 speed, direct drive, range change with counter shaft lock. Oil capacity 7.6 litres.
 - **Gear Ratios:1**
- | | | | |
|-----|-------|------|-------|
| 1st | 17.93 | 9th | 2.61 |
| 2nd | 14.04 | 10th | 2.05 |
| 3rd | 10.96 | 11th | 1.60 |
| 4th | 8.61 | 12th | 1.25 |
| 5th | 6.74 | 13th | 1.00 |
| 6th | 5.26 | RH | 2.78 |
| 7th | 4.11 | RI | 9.15 |
| 8th | 3.29 | RL | 19.06 |
- Maximum geared speed 99.6 km/h.
 - One piece propeller shaft, 101.6 mm diameter, length 1096 mm.
 - Inter-axle propeller shaft 90 mm diameter, length 635 mm.

REAR AXLE - CAPACITY 16,500 kg

- Banjo type, fully floating, single reduction.
 - Tandem drive with inter axle diff lock.
- | | |
|------------------------|-----------------|
| Ratio: | 4.875:1. |
| Hypoid type ring gear: | 365 mm diameter |
| Oil capacity: | Front 11 litres |
| | Rear 6.5 litres |

REAR SUSPENSION - CAPACITY 28,000 kg

- Isuzu 6 rod type with semi-elliptical alloy steel multi-leaf springs.
- Size - length x width x thickness:
1300 x 80 x 20 mm - 10 leaves

FRONT AXLE - CAPACITY 6,000 kg

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

FRONT SUSPENSION - CAPACITY 7,200 kg

- Semi elliptical, alloy steel, tapered, multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:
1470 x 80 x 12 mm - 2 leaves
1470 x 80 x 14 mm - 5 leaves
- Stabiliser bar.
- Hydraulic, double acting, telescopic shock absorbers.

STEERING

- Fully integral, power assisted, recirculating ball type. Gear ratio 22.4:1. Number of turns lock to lock 5.4.
- Gear driven vane type oil pump, oil capacity 2.5 litres.

BRAKES

- Full air, S cam, dual circuit, front and rear leading and trailing.
- Drum diameter 410 mm, front and rear. Total lining area 8280 cm².
- Air tank capacity 85.9 litres. Automatic air drain valve.
- Compressor bore x stroke 85 x 60 mm, driven at half engine speed.
- Spring parking brake acting on rear wheels, with emergency release.
- Butterfly air controlled exhaust brake system, activation switch on wiper/washer control stalk.

CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold riveted.
- Side member dimensions - 254 x 85 x 8 mm
- Frame reinforcement L section 220 x 77 x 4.5mm at back of cab.
- High tensile steel, HT55 weldable frame material.

WHEELS AND TYRES

- 8.25 T x 22.5 - 10 stud disc wheels front and rear, 22 mm bolt size.
- 11 R 22.5 - 16 ply tubeless radial tyres. Front - Goodyear G291. Rear and spare - Goodyear G167, number of tyres 11, 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 - 5.5 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.
- Access to engine fluid checks without tilting cab.

- Combination turn signal and park lamps.
- West Coast type rear view mirrors with clearance lamps.
- Laminated windshield, 2 speed wiper with intermittent mode and washers.
- Front and rear quarter vent windows.
- Corrosion resistant, non-slip, cab entry steps.
- 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 driver's seat with mechanical suspension, 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 retractor, 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.
- Park brake activation level beside driver's seat.
- Engine cover mounted gear shift lever.

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, inter diff lock engaged.

WARNING LAMPS

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

SWITCHES

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