

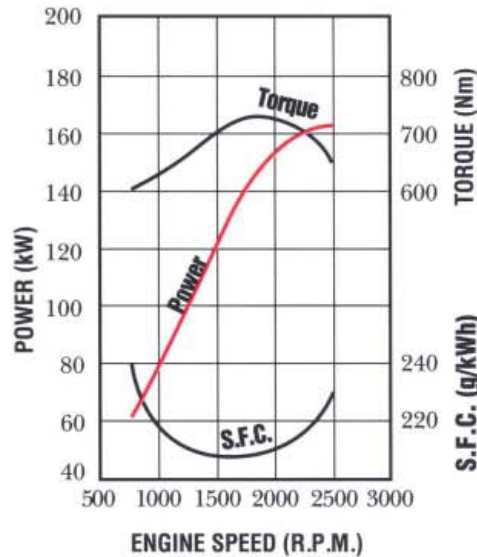
FVZ 1400 AUTO

GVM: 22500kg
GCM: 34000kg
WHEELBASE: 4360mm

1400

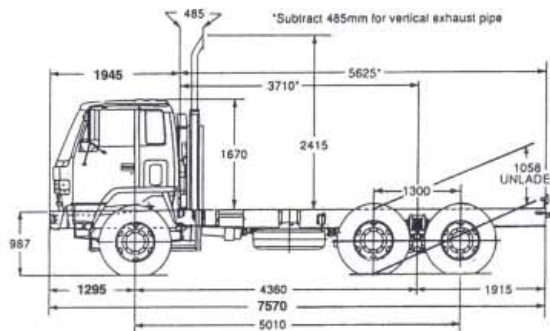
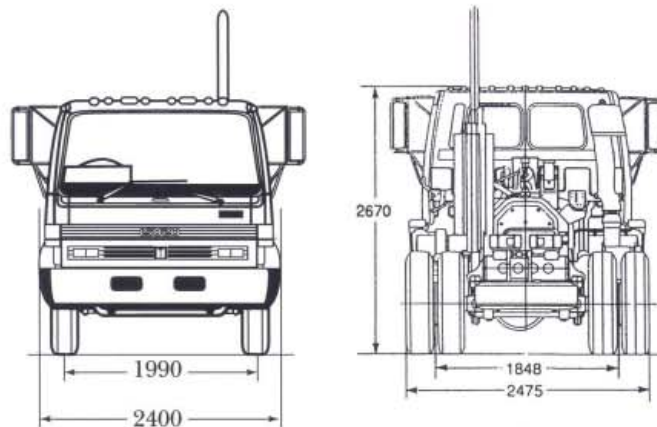
ISUZU 6SA1-T ENGINE PERFORMANCE

- Type: 6 cylinder, turbocharged overhead camshaft diesel, four stroke, direct injection
- Bore x stroke: 115 x 135 mm
- Displacement: 8413 cc
- Compression Ratio: 16.5:1
- Output -
Power:
163kW @ 2500 rpm (DIN Nett)
Torque:
735 Nm @ 1700 rpm (DIN Nett)



DIMENSIONS AND WEIGHTS

*ESTIMATED KERB MASS (kg)	
FRONT	2970
REAR	3680
TOTAL	6650
FRAME WIDTH (mm)	850
TURNING CIRCLE (m)	
Kerb to Kerb	16.6
BODY LENGTH (mm)	5486
Subject to weight distribution	
CHASSIS HEIGHT (mm)	
At centre line of rear axle	
UNLADEN CHASSIS CAB	1058
AT GVM	1034



*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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FVZ 1400 AUTO

ORDERING CODE:
8FU02-752

1400

ENGINE - ISUZU 6SA1-T

Lubrication

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Plate type oil cooler in water jacket. Oil capacity 16.6 litres including filter.

COOLING SYSTEM

- 9 Blade plastic cooling fan, size 520 mm diameter with thermatic fan clutch, Horton brand, air disengaged.
- Tube and corrugated fin pressure type radiator with bell mouth fan shroud. Size (mm) 682h x 559w x 80t. Frontal area 0.393 m².
- Coolant capacity 28.2 litres.
- Transmission oil to water.

FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 13" with 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 180 litres.
- Vertical exhaust muffler, mounted on independent gantry with heat shield.

TRANSMISSION ALLISON MT653DR

- 5 speed, deep reduction, direct top, automatic.
- Gear ratios: 1
 - 1st 8.045 (manual)
 - 2nd 3.583
 - 3rd 2.093
 - 4th 1.387
 - 5th 1.000
 - Rev 5.674
- Torque Converter TC.378. Stall Torque Ratio 2.43. Lock up clutch, auto on 4th and 5th.
- Maximum geared speed 99.6 km/h.
- Oil system 17 litres.

REAR AXLE - (E)DS451P 18,500 KG

- Banjo type, fully floating, single reduction.
- Tandem drive, with inter axle diff lock. Ratio 4.875:1.
- Spiral bevel type ring gear, 420 mm diameter. Oil capacity: Front 18 litres, rear 17 litres.

REAR SUSPENSION

- Isuzu 6 rod with semi-elliptical alloy steel multi-leaf springs.
- Length - Width x thickness No. leaves
 - 1300 - 80 x 20 mm 10 leaves

FRONT AXLE - F063 CAPACITY 6,300 KG

- Reverse Elliot I-beam type. King pin diameter 50 mm with cylindrical roller thrust bearing. Oil filled front hubs with demountable brake drums.

FRONT SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Length - Width x thickness No. leaves
 - 1470 - 80 x 12 mm 1 leaf
 - 80 x 13 mm 4 leaves
 - 80 x 14 mm 1 leaf
 - 80 x 16 mm 1 leaf
 - 80 x 18 mm 1 leaf
- 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

- Full air 'S' cam, dual circuit front and rear leading and trailing. Drum diameter 419 mm. Total swept area 13,370.2 cm².
- Air tank capacity 85.9 litres, with air dryer.
- Compressor bore x stroke 85 x 60 mm driven at half engine speed.
- Spring park brake acting on rear wheels with emergency release.
- Butterfly, air controlled exhaust brake. Activation switch on wiper/washer control stalk.

CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold rivetted.
- Side member dimensions 254 x 85 x 8 mm.
- Frame reinforcement 238 x 77 x 4.5 mm at back of cab.
- Material, SAPH45 mild steel.

WHEELS AND TYRES

- 8.25T x 22.5 - 10 stud disc wheels, 22 mm bolt size. 160 mm offset.
- 11R 22.5 - 16 ply Goodyear G291 (F) G167 (R) radial tubeless tyres front and rear.
- 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°. Torsion bar counter balanced.
- Cation electro deposition primer.
- Heavy duty bumper bar.
- Four rectangular halogen headlamps.
- Combination turn signals 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 10,000 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 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.
- Park activation lever beside drivers seat.

INSTRUMENTATION

- Speedometer, odometer and tachometer.
- Gauges for coolant temperature, fuel level, brake air pressure and trans oil temperature.
- 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.
- Reversing lamp and beeper.

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.
- Controls for diff lock engagement and emergency park brake release.