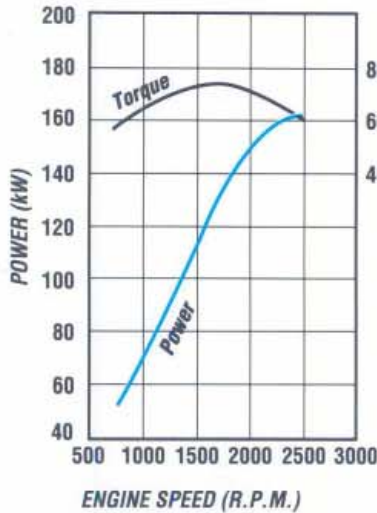


# 1400

FVM 1400 6 x 2

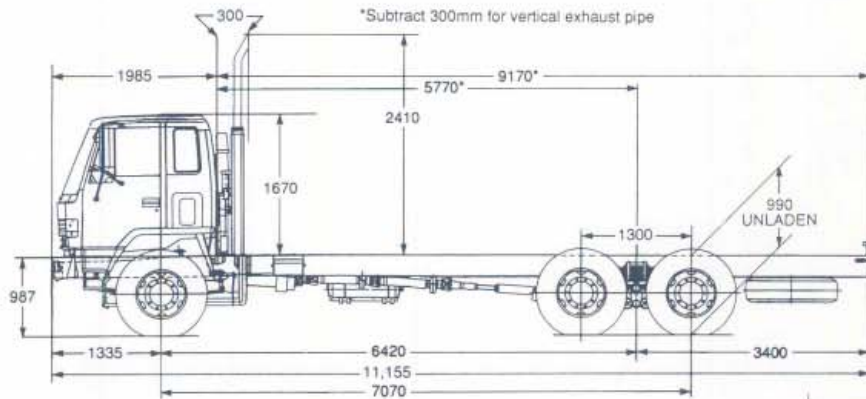
GVM: 22,500kg  
GCM: 30,000kg  
WHEELBASE: 6,420mm

## ISUZU 6SA1-T ENGINE PERFORMANCE

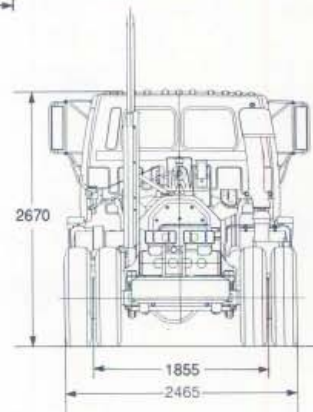


- Type: 6 cylinder, turbocharged, overhead camshaft diesel, four stroke, direct injection.
- Bore x Stroke 115 x 135 mm
- Displacement 8413 cc
- Compression Ratio 16.5:1
- Output-Power 163 kW @ 2550 rpm (DIN Nett)
- Torque 735 Nm @ 1700 rpm (DIN Nett)

## DIMENSIONS AND WEIGHTS



*ESTIMATED KERB MASS (kg)	
FRONT	3120
REAR	3630
TOTAL	6750
FRAME WIDTH (mm)	850
TURNING CIRCLE (m)	
Kerb to Kerb	22.3
BODY LENGTH (mm)	8535
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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CT4247-4/93





# 1400

FVM 1400 6 x 2

**ORDERING CODE:**  
**8FT02-751**

## 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:

- Six blade plastic cooling fan, size 520 mm diameter with thermatic fan clutch.
- Tube and corrugated fin pressure type radiator with bell mouth fan shroud. Size (mm) 682 h x 559 w x 80 t. Frontal area 0.393 m<sup>2</sup>.
- Coolant capacity 28.2 litres.

## 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 200 litres.
- Horizontal exhaust muffler with vertical exhaust stack.

## CLUTCH

- Hydraulic control dry single plate with coil type cushioning springs. 380 mm diameter.
- Air Servo assistance.
- Asbestos free lining material. Total area (both sides) 1362 cm<sup>2</sup>.

## TRANSMISSION - Fuller Road Ranger RT6609

- Nine speed direct drive, range change. Oil capacity 5.8 litres.
- Gear Ratios:1

<b>Low</b>	12.66	<b>6th</b>	1.83
<b>1st</b>	8.48	<b>7th</b>	1.36
<b>2nd</b>	6.24	<b>8th</b>	1.00
<b>3rd</b>	4.64	<b>Reverse H</b>	3.52
<b>4th</b>	3.42	<b>Reverse L</b>	12.03
<b>5th</b>	2.48		

- Maximum geared speed 99.6 km/h
- Three piece propeller shaft, 114.3 mm diameter  
Length: 1st section 1062 mm  
2nd section 1122 mm  
3rd section 1299 mm

## REAR AXLE - R105 CAPACITY 16,500 kg

- Banjo type, fully floating, single reduction.
- Tandem/single drive with tag lazy axle. Ratio 4.875:1
- Hypoid type ring gear, 444 mm diameter  
Oil capacity 13 litres

## REAR SUSPENSION

- Isuzu 6 rod type with semi-elliptical alloy steel multi-leaf springs.
- Size: 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.

## FRONT SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size: length - width x thickness, No. leaves:  
1470 - 80 x 12, 1 leaf  
80 x 13, 4 leaves  
80 x 14, 1 leaf  
80 x 16, 1 leaf  
80 x 18, 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 12,873.9 cm<sup>2</sup>.
- 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.
- 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 254 x 85 x 8 mm
- Frame reinforcement angle section 238 x 77 x 4.5 at back of cab.
- Material, SAPH45 mild steel.

## WHEELS AND TYRES

- 8.25T x 22.5 - 10 stud disc wheels, 22 mm bolt size. 170 mm offset.
- 11R 22.5 - 16 ply radial 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°, electro deposition primer, torsion bar counter balanced.
- Heavy duty bumper bar with 4 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 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 visors.
- ISRI 6000 driver's 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 outlets to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.
- Park brake activation lever beside drivers seat.

## 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.

## 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 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.