

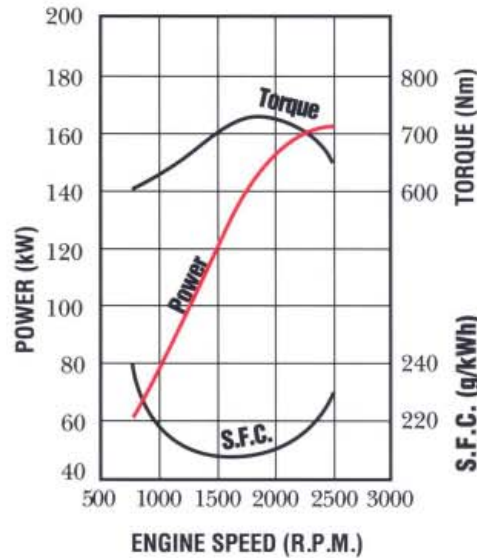
# FVZ 1400 MEDIUM

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

# 1400

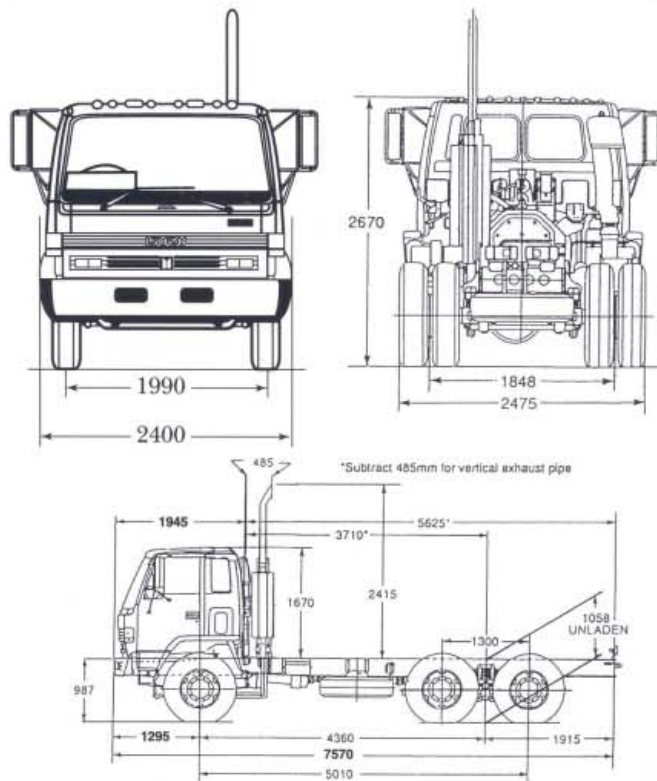
## ISUZU 6SA1-T ENGINE PERFORMANCE

- 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                          | 2950 |
| REAR                           | 3680 |
| TOTAL                          | 6630 |
| 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.

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# FVZ 1400 MEDIUM

ORDERING CODE:  
8FU02-751

# 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

- 6 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.
- Electronic road speed limiter.\*
- 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.

### CLUTCH

- Hydraulic control dry single plate with coil type cushioning springs. 380 mm (15") diameter.
- Air Servo assistance.
- Asbestos free lining material. Total lining area (both sides) 1362 cm<sup>2</sup>.

### TRANSMISSION FULLER ROAD RANGER RT7608LL

- 10 speed direct drive, range change. Oil capacity 9.2 litres.
- Gear ratios: 1

|         |       |
|---------|-------|
| Low Low | 18.81 |
| Low     | 12.31 |
| 1st     | 8.24  |
| 2nd     | 6.07  |
| 3rd     | 4.51  |
| 4th     | 3.32  |
| 5th     | 2.48  |
| 6th     | 1.83  |
| 7th     | 1.36  |
| 8th     | 1.00  |

- Reverse H 3.52
- Reverse L 11.87
- Reverse L.L 17.87

- Maximum geared speed 100 km/h.\*
- One piece propeller shaft, 114.3 mm diameter. Length 745 mm.
- Inter axle propeller shaft, 90 mm diameter. Length 635 mm.

### REAR AXLE - (E)DS451P 18,500 KG

- Banjo type, fully floating, single reduction.
- Tandem drive, with inter axle diff lock. Ratio 4.333:1.
- 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 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 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 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.
- 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.