

GVM: 22000 kg
 GCM: 32000 kg
 WHEELBASE: 5700 mm

FVM 1400 TRUCK 6x2

ISUZU

ISUZU 6SD1TC ENGINE PERFORMANCE

- Type: 6 Cylinder, in line OHC, direct injection, four stroke, diesel
- Bore x stroke: 120 x 145 mm
- Displacement: 9,839 cc
- Compression Ratio: 16.5 : 1
- Power output (150 1585): 199 kW @ 2,200 rpm
- Torque (150 1585): 1000 Nm @ 1,500 rpm

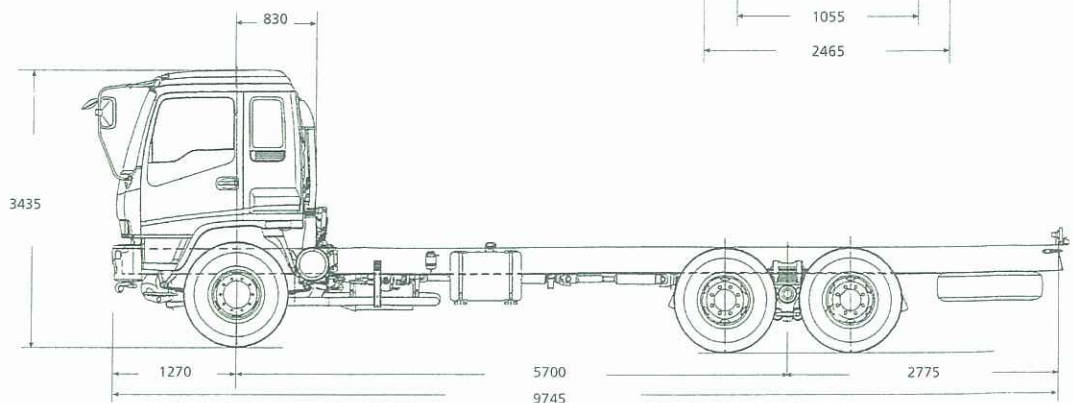
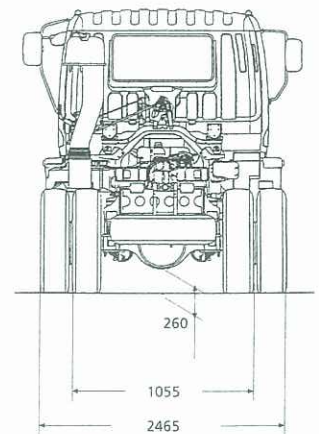
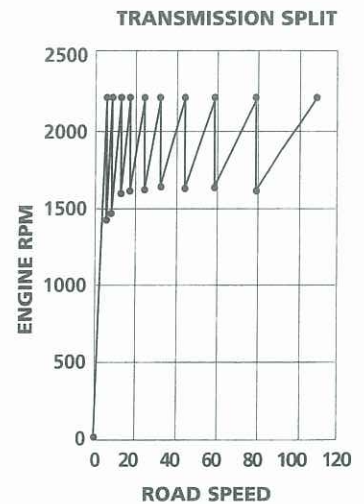
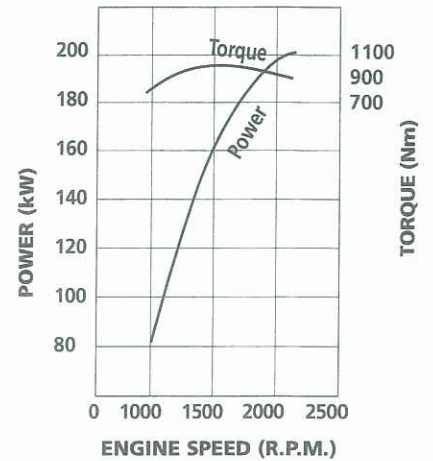
DIMENSIONS AND WEIGHTS

- Estimated kerb mass (kg):
 Front 3350
 Rear 3760
 Total 7110
- Frame width: 850 mm
- Turning circle (m) (kerb to kerb): 21.0
- Ground clearance (min): 250 mm

TRANSMISSION

- Isuzu RT7608LL - 10 speed direct drive constant mesh with range change and counter shaft lock

Isuzu New Zealand (Holden New Zealand Ltd) reserves the right to change prices and specifications at any time without notice.



FVM 1400

ENGINE - ISUZU 6SD1TC

Lubrication:

- Pressure feed lubrication with cartridge full flow filter and cartridge type partial flow filter
- Sump capacity: 27 litres (with filters)

Cooling System:

- Water cooled system thermostatically controlled with pressure vented heavy duty radiator
- V-Belt driven water pump with 520 mm diameter, 6 bladed, viscous hub, clutch controlled fan
- Coolant capacity: 28.00 litres

FUEL SYSTEM

- 'Zexel' injection pump: Reformed Bosch in-line with automatic timer and all speed mechanical governor
- Mechanical fuel pump
- Fuel filter and water separator
- Double paper element air cleaner with raised air stack behind cab
- Fuel tank capacity: 200 litres

CLUTCH

- Hydraulic control, dry, single plate
- Cerametallic clutch plate
- 381 mm diameter

TRANSMISSION

- 10 speed direct drive, constant mesh with range change and counter shaft lock, with short easy grip gear lever
 - **Gear ratios:**
- | | | | |
|------------------|-------|--------------------|-------|
| 1st | 18.81 | 6th | 3.32 |
| 2nd | 12.31 | 7th | 2.48 |
| 3rd | 8.24 | 8th | 1.83 |
| 4th | 6.07 | 9th | 1.36 |
| 5th | 4.51 | 10th | 1.00 |
| Reverse H | 3.52 | Reverse Int | 11.87 |
| Reverse L | 17.87 | | |

- Oil capacity: 9.2 litres
- Reverse warning buzzer
- Power take-off provision on left hand side
- Maximum geared speed on standard tyres: 108.55 km/hour
- Calculated maximum rolling gradeability at manufacturers GVM = 68.5%, GCM = 33.66%

EXHAUST SYSTEM

- Horizontal exhaust muffler
- Air operated exhaust brake

REAR AXLE - CAPACITY 16,500 kg

- Isuzu heavy duty fully floating banjo type with hypoid single speed reduction
- Tandem/single drive with lazy tag axle
- Ratio: 3.91 : 1
- Hypoid type ring gear 445 mm diameter
- Oil capacity: 13.0 litres

REAR SUSPENSION

- Isuzu 6 rod type, with semi-elliptical alloy steel multi-leaf springs
- Bolt-fastened spring shackle brackets

FRONT AXLE - CAPACITY 6,300 kg

- Reverse Elliot I-Beam type
- Oil filled front hubs

FRONT SUSPENSION

- Semi-elliptical, alloy steel, tapered, multi-leaf springs. Fully wrapped eye with greasable shackles
- Hydraulic, double acting, telescopic, shock absorbers
- Stabiliser bar

STEERING

- Fully integrated power steering recirculating ball type
- Gear ratio: 22.4 :1
- Turn lock to lock: 4.8
- Gear driven vane type oil pump
- Oil capacity: 3.5 litres
- Soft feel urethane steering wheel
- Steering wheel diameter: 480 mm 2 spoke
- Tilt, telescopic steering column

BRAKES

- Dual circuit full air "S" cam brake system
- Front and rear, leading trailing type
- Drum diameter front and rear: 419 mm
- Total lining area: 7176 cm²
- Total swept area: 12881 cm²
- Asbestos free lining
- Spring parking brake acting on rear wheels

CHASSIS FRAME

- Parallel rail, ladder type channel section with reinforcement and cold rivetted crossmembers
- Straight frame for easy body mounting
- Side member dimensions: 254 x 85 x 8 mm
- Width across chassis: 850 mm
- Material: SAPH440 weldable, high tensile steel

WHEELS AND TYRES

- One piece rim and pressed steel disc, 8.25 x 22.5 with 165 mm offset, 10 stud, 22 mm bolt size
- Tyres: 11R22.5 - 16 ply radial tubeless single front and dual rear
- Spare wheel located in winch carrier end of frame
- Number of tyres including spare: 11

ELECTRICAL SYSTEM

- 24 volt negative earth system with fuse protection for all major circuits
- Battery: 2 x 12 volt - 110 amp/hour mounted on chassis side member with protection cover
- Starter motor: 24 volt, 4.5 kW output
- Alternator: 24 volt, 40 amp with voltage regulator
- Rear stop and tail lamps and license plate lamp with long leads for variable body mounting

SWITCHES

- Left side combination stalk switch for exhaust brake, windscreen wipers and washer, hazard lamps
- Right hand side combination stalk switch for headlamps, highbeam and turn signals
- Engine idle speed adjust control
- Key operation for engine start and stop, external engine crank switch for service when cab tilted
- 3 way switch for interior lamp activated by driver and passenger doors

CAB EXTERIOR

- Forward control, monocoque construction, high roof, cab over engine with welded strengthening ribs and side door impact beams

CAB EXTERIOR CONTINUED

- Rust-inhibiting cation-electrodeposition painting process
- Cab tiltable to 45° with torsion bar assistance
- Laminated curved and tinted windshield, toughened side and rear glass
- European style mirrors left and right hand sides
- Front mud flaps
- Large alloy non-skid entry steps
- Access to engine fluid check at rear of cab
- Access to Washer/clutch fluids through lift up front panel of cab
- Cab finished in "Arc White" enamel paint
- Cab semi float mounted on front and rear (silicone filled mount)

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining, trim colour Grey
- Vinyl floor mat
- Fully adjustable drivers seat with automatic pneumatically maintained cushion level
- Seat belts
- High back outboard passenger seat, folding centre seat back with compartment
- Dual sunvisor
- Cigarette lighter
- Interior rear view mirror
- Fresh air heater and defroster with 4 speed fan
- Interior roof lamp
- Covered overhead shelf (lockers)
- Ashtray - in both doors
- Centre console box
- AM/FM Radio cassette
- Easy entry grab handles on 'A' pillars
- Park brake activation lever at left side of drivers seat
- Cab exhaust vent upper rear cab
- Driver foot rest

INSTRUMENTATION

- Speedometer with odometer
- Tachometer
- Gauges for coolant temperature, fuel level and dual air pressure

INDICATOR LAMPS

- Turn signals
- High beam
- Reversing lamp and beeper
- Parking brake on
- Exhaust brake

WARNING LAMPS

- With warning bulb check switch
- Battery charge
- Brake failure
- Low air pressure
- Tail stop lamps failure
- Oil pressure
- Brake fluid level
- Clutch fluid level

LAMPS

- Rectangular, halogen headlamps
- Combination front turn signal and park lamps
- Combination rear tail, stop, reverse and turn signal lamps with reflector lenses and two reflectors plus long leads for variable body mounting
- Fog lamps

TOOLS

- Lockable tool box, with 10000kg capacity jack and wheel