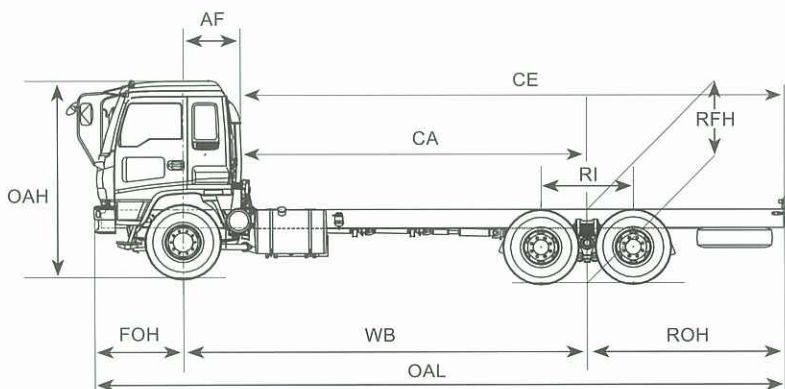
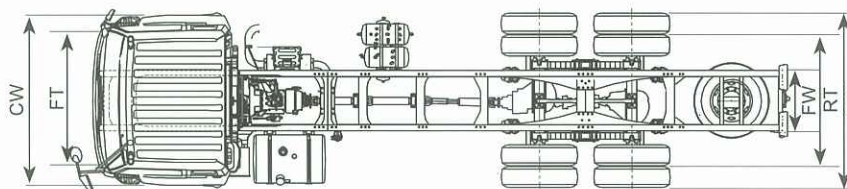
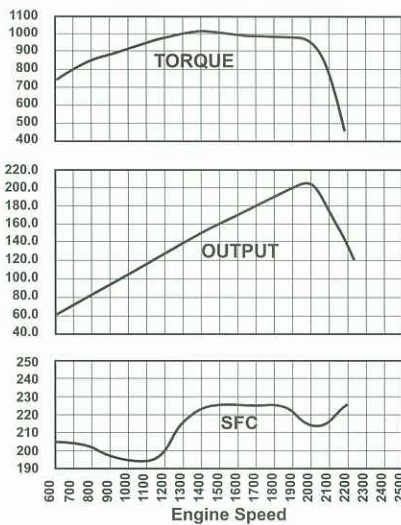




Sample photo only. Actual vehicle may differ slightly from that shown.

Performance Curve of 6SD1-TC EURO 3 Engine



MAIN SPECIFICATIONS

Model	FVZ1400
Code	FV25
Configuration	6 x 4
GVM	24,000kg
GCM	39,000kg
Towed Mass Unbraked	2,000kg
Gradeability at GVM	64%
Gradeability at GCM	31.6%
Estimated geared Speed 90km/h @ rpm	2,000rpm
Turning circle kerb to kerb	21m

DRIVELINE SPECIFICATIONS

Engine Model	6SD1-TC - Euro 3
Type	6 cylinder in-line OHC common rail injection turbo/intercooled, diesel
Displacement	9,839cc
Compression ratio	16.0:1
Power (JIS Gross)	206kW (280PS) @ 2,000rpm
Torque (JIS Gross)	1,030Nm (760lb/ft) @ 1,400rpm
Transmission Model	RT7608LL
Forward Gears	10

KERB MASS (KG)

Front	3102
Rear	3878
Total	6980

*Estimate with coolant, oils, spare, tools & 10L of fuel.

DIMENSIONS (mm)

WB - Wheelbase	5700
OAL - Overall length	9745
CW - Cab width	2400
OAH - Overall height	2785
CA - Cab to rear axle	4870
CE - Cab to rear of frame	7645
FOH - Front overhang	1270
ROH - Rear overhang	2775
FT - Front track	2025
RT - Rear track	1855
FW - Frame width	850
RI - Rear Interaxle	1310
RFH Chassis height at rear axis	1040
AF - Front axle to rear cab	710
ORT - Overall rear tyres	2450

Driveline Specifications

ENGINE - ISUZU 6SD1-TCC -EURO3

- Bore and stroke mm 120 x 145
- Emission std Euro 3

LUBRICATION

- Pressure feed lubrication with combination full flow and partial flow bypass filter.
- Sump capacity: 27 litres including filter approx.

COOLING SYSTEM

- 6 blade plastic cooling fan 600mm diameter with bell-mouth fan shroud and dual drive belts
- Bimetallic controlled, thermatic fan clutch
- Tube and corrugated fin, pressure type radiator
- Coolant capacity: 29 litres approx.

FUEL SYSTEM

- "Denso" common rail fuel injection.
- Fuel filter with water separator.
- Double paper element air cleaner vertical air intake
- Single steel 180 litre fuel tank

TRANSMISSION EATON RT7608LL

- 10 Speed direct drive constant mesh with range change repeat H shift patterns and PTO opening on RHS and bottom
- Gear ratios (:1)

Low Low	18.81	6th	1.83
Low	12.31	7th	1.36
1st	8.24	8th	1.0
2nd	6.07	Reverse	
3rd	4.51	Low Low	17.87
4th	3.32	Low	11.69
5th	2.48	High	3.52
- Oil capacity: 11.1 litres approx.

EXHAUST

- Horizontal muffler with horizontal RH outlet
- Air operated butterfly type exhaust brake

FRONT AXLE ISUZU F063

- Reverse Elliot "I" beam

REAR AXLE ISUZU RT210

- Isuzu RT210 heavy duty fully floating banjo type with single speed reduction
- Tandem drive with differential lock
- Drive ratio: 3,909:1
- Hypoid type ring gear 445mm diameter

AXLE LOAD SUMMARY (KG)

	Front	Rear
Axle	6,300	21,000
Spring	6,670	20,740
Tyre	6,300	23,200
Legal Limit	6,000	15,000

Warranty

Vehicle: 24 months/150,000km*
 Powertrain: 36 months/200,000km*
 Corrosion (Perforation): 36 months
 *Which ever comes first. Subject to the terms and conditions detailed in the warranty book.

Chassis Specifications

FRONT SUSPENSION

- Alloy steel taper leaf (parabolic) springs
- Nominal size mm 1600 x 80 x 3 leaves
- Stabiliser bar
- Hydraulic double acting, telescopic shock absorbers

REAR SUSPENSION

- Isuzu 6 rod and trunnion axle location system
- Semi-elliptical alloy steel, multi-leaf springs
- Nominal size mm 1300 x 90 x 7 leaves

STEERING

- Re-circulating ball steering with integral power assistance.
- Gear ratio: 22.4 : 1
- Turns lock to lock: 5.4
- Gear driven vane type oil pump
- Oil capacity: 3.4 Litres approx.
- Soft feel urethane steering wheel 480mm dia. 2 spoke
- Tilt/telescopic steering column adjustable for height and angle.

BRAKES

- Front linings 140mm wide
- Rear linings 180mm wide
- Drum diam. front and rear: 410 mm
- Asbestos free lining
- Swept lining area 8,428cm²
- Spring park brake acting on rear wheels
- Air dryer

CHASSIS FRAME

- Parallel rail, ladder type channel section
- Straight frame for easy body mounting
- Side member dimensions: 258 x 85 x 10 mm
- Frame reinforcement angle section
- Material: SAPH440
- Please refer to Isuzu body builders guide for chassis modifications and body fitment.

WHEELS & TYRES

- One piece rim and pressed steel disc 8.25 x 22.5 with 165mm offset, 10 stud, 22mm bolt size.

Tyres

- 275/70 R, 22.5 radial tubeless

ELECTRICAL SYSTEM

- 24 volt negative earth system with fuse protection for all major circuits
- Battery: 2 x 12 volt, NS120 type 512CCA @ -18°C
- Starter motor 24 volt, 5.5kW output
- Alternator: 24 volt, 40 amp
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting.

Cabin Specifications

CAB EXTERIOR

- All steel cab with welded strengthening ribs and door side impact beams.
- Cab tiltable to 45 degrees with torsion bar assist
- Four point cabin suspension utilising silicone filled rubber isolators
- Laminated curved and tinted windshield toughened rear and side glass
- Heavy duty bumper bar with step holes and foot plate
- European style mirrors
- 2 speed windscreen wiper/washer system with variable intermittent mode. Triple washer jets mounted on washer arms.
- 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.
- Halogen head lamps

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining
- Isringhausen 6500/517 air suspension drivers seat with auto weight adjustment to 130 kg
- High back outboard passengers seat
- 12v accessory outlet
- Large centre storage area and compartments
- 24v - 2 pin 10 amp accessory plug in centre console
- Standard fully integrated air conditioning
- Easy entry grab handles on "A" and "B" pillars
- AM/FM CD tuner with drivers seek switch.
- Overhead lockers
- Dual sun visors
- Ashtray in both doors
- Drivers foot rest
- Power windows
- Lockable tool box and 10,000kg jack.
- Interior rear view mirror
- Lap/sash seatbelts in outer positions and lap belt for centre seat
- Cigarette lighter

INSTRUMENTS AND CONTROLS

- Gauges: Electronic speedometer with odometer, and two trip meters, electronic tachometer, dual air pressure, fuel level, coolant temperature, and temp meter
- Warning lamps: Battery charge, low air pressure, and buzzer oil pressure, stop/tail light failure and indicator warning light failure and check engine
- Indicator lamps: Turn signal, high beam, parking brake, reversing lamp and beeper, diff lock
- LH side combination stalk switch for windscreen wipers and washer, exhaust brake, hazard flasher
- RH side combination stalk switch for headlamps, high beam, and turn signals
- Engine idle speed adjust control
- External engine crank switch for when cab tilted
- Imitation wood dash surround
- Multi lamp room light
- Fold down centre seat



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