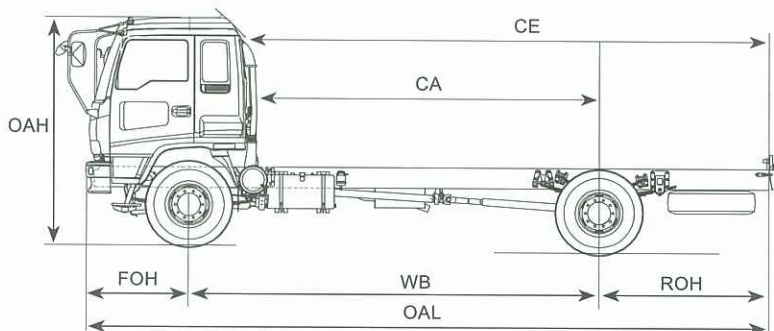
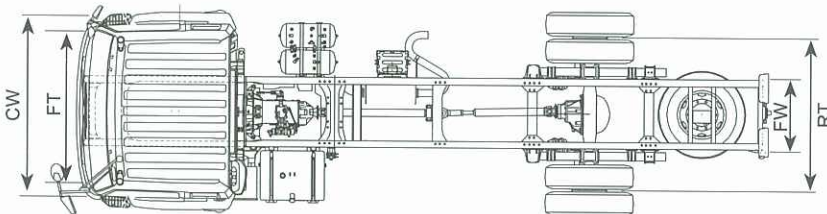
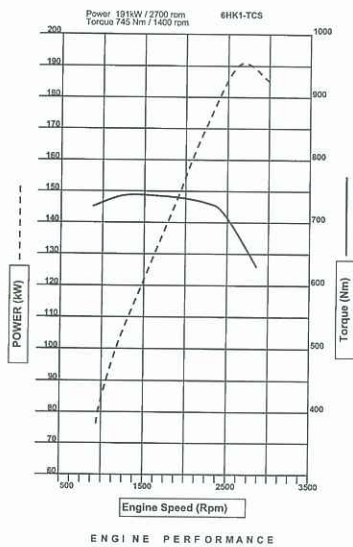




Sample photo only.
Actual vehicle may differ
slightly from that shown.



MAIN SPECIFICATIONS

Model	FVR800
Code	FV23
Configuration	4 x 2
GVM	16,000kg
GCM	29,500kg
Towed Mass Unbraked	2,000kg
Gradeability at GVM	32.7%
Gradeability at GCM	16.6%
Estimated geared Speed	90km/h @ 2230rpm
Turning circle kerb to kerb	17.1m

DRIVELINE SPECIFICATIONS

Engine Model	6HK1-TCS (Euro 3)
Type	Euro 3 - 6 cylinder in-line OHC 24 valve direct injection system turbo/intercooled, diesel
Displacement	7790cc
Compression ratio	16.8:1
Power (JIS Gross)	191kw (260PS) @ 2700rpm
Torque (JIS Gross)	745Nm (550lb/ft) @ 1400rpm
Transmission Model	FSO-5206B
Forward Gears	6

KERB MASS

Front	2,864kg
Rear	2,032kg
Total	4,896kg

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

DIMENSIONS (mm)

WB - Wheelbase	5,050
OAL - Overall length	8,520
CW - Cab width	2,400
OAH - Overall height	2,700
CA - Cab to rear axle	4,220
CE - Cab to rear of frame	6,350
FOH - Front overhang	1,270
ROH - Rear overhang	2,200
FT - Front track	1,990
RT - Rear track	1,855
FW - Frame width	850
Chassis height at rear axle	975

FVR800

Driveline Specifications

ENGINE - ISUZU 6HK1-TCS EURO3

- Bore and stroke 115 mm and 125 mm

LUBRICATION

- Pressure feed lubrication with combination full flow and partial flow bypass filter.
- Oil capacity: 14 litres including filter

COOLING SYSTEM

- Water cooled system thermostatically controlled with pressure vented radiator.
- V-Belt driven water pump with 600 mm diam. 6 bladed, viscous hub, clutch controlled fan.
- Coolant capacity: 29 litres

FUEL SYSTEM

- Zexel MD -Tics inline injection pump with automatic timer and all speed mechanical governor
- Mechanical fuel pump
- Fuel filter with water separator
- Paper element air cleaner with raised air stack behind cab
- Fuel tank capacity 200 litres

CLUTCH

- Hydraulic control, dry, single plate, with 12 coil type cushioning springs
- Asbestos free clutch plate
- 381mm (15") diameter

TRANSMISSION FSO-5206B

- 6 speed overdrive
- Synchromesh on all forward gears
- Gear Ratios (:1)

1st 6.08	4th 1.350
2nd 3.53	5th 1.000
3rd 2.09	6th 0.790

- Reverse 5.430
- Oil capacity 8.3 litres (without PTO)
- Reverse warning buzzer
- Power take-off provision on left hand side

EXHAUST

- Horizontal exhaust and muffler
- Exhaust brake air operated

FRONT AXLE - CAPACITY 6,300 KG

- Isuzu F063 reverse Elliot "I" beam type.

REAR AXLE - CAPACITY 10,500 KG

- Isuzu R105 heavy duty fully floating banjo type with hypoid single speed reduction
- Drive ratio: 5.571:1
- Hypoid type ring gear 445 mm diameter
- Oil capacity: 20 litres

Chassis Specifications

FRONT SUSPENSION

- Long span 3 leaf alloy steel taper leaf springs
- Stabiliser bar
- Fully wrapped eye with greasable shackles
- Hydraulic double acting, telescopic shock absorbers

REAR SUSPENSION

- Semi-elliptical, alloy steel, tapered, multi-leaf springs
- Fully wrapped eye with greasable shackles
- Bolt fastened spring shackle brackets

STEERING

- Integral power assisted re-circulating ball
- Gear ratio: 22.4:1
- Turns lock to lock: 6
- Gear driven vane type oil pump
- Soft feel urethane steering wheel 480mm dia. 2 spoke
- Tilt/telescopic steering column adjustable for height and angle

BRAKES

- Isuzu dual circuit full air "S" cam Leading and trailing shoes front and rear
- Drum diameter front and rear 419mm
- Total lining area: 5,228 sq cm
- Total swept area: 8,688 sq cm
- Asbestos free lining
- Spring park brake acting on rear wheels
- Air operated exhaust brake
- Air dryer

CHASSIS FRAME

- Parallel rail, ladder type channel section with reinforcement and cold riveted crossmembers
- Side member dimensions: 254 x 85 x 8 mm
- Width across frame: 850mm
- Material: SAPH440 weldable high tensile steel
- *Please refer to Isuzu body builders guide for chassis modifications and body fitment*

WHEELS & TYRES

- One piece rim 8.25 x 22.5 with 165mm offset, 10 stud, 22mm bolt size
- Tyres: 275/70R 22.5 radial tubeless
- Spare tyre located in winch carrier end of frame
- Number of tyres including spare: 7

ELECTRICAL SYSTEM

- 24 volt negative earth system with fuse protection for all major circuits
- Battery: 2x12 volt, 110 amp/hour mounted on chassis side member with protection cover
- Starter motor: 24 volt, 4.5kW output
- Alternator: 24 volt, 50Amp with voltage regulator
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting

Cabin Specifications

CAB EXTERIOR

- Forward control, monocoque construction, high roof, cab over engine with welded strengthening ribs and side door impact beams
- Cab tiltable to 45° with torsion bar assistance
- Laminated curved and tinted windshield, toughened side and rear glass
- LH door with large integrated kerb safety window
- European style mirrors, left and right hand sides
- LH ext mirror electrically retractable
- Front mud flaps
- LH ext. mirror electrically retractable
- 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 at front and rear (silicone filled mount)
- Halogen headlamps

CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings formed roof lining, trim colour Grey
- Isringhausen 6500/517 air suspension driver's seat with auto weight adjustment to 130kg
- High back outboard passenger seat, folding centre seat with compartment
- Cab weather sealed to prevent ingress of dust/ noise and to facilitate precise temperature control
- Air conditioner manual control
- Covered overhead shelf (lockers)
- AM/FM CD tuner
- 12V accessory outlet
- Covered overhead shelf (lockers)
- Interior light - multi lamp (Fluorescent)
- Wood grain dash panel
- Interior rear view mirror
- Keyless entry
- Driver's foot rest
- Central locking
- Power windows
- Ashtray both doors
- Seat belts
- Cigarette lighter
- Hand tools and 10,000kg jack

INSTRUMENTS & CONTROLS

- Gauges: Electronic speedometer with odometer, electronic tachometer, dual air pressure, fuel level, coolant temperature
- Warning lamps: Battery charge, low pressure, engine overrun, oil pressure, stop/tail light failure and indicator warning light failure
- Indicator lamps: Turn signal, high beam, parking brake, reversing lamp and beeper
- LH side combination stalk switch for windscreen wipers and wash, exhaust brake, hazard flasher
- RH side combination stalk switch for headlamps, high beam, fog lamps and turn signals
- Engine idle speed adjust control
- Key operation for engine stop/start and external engine crank switch for when cab tilted
- LH ext. mirror fold in switch

Warranty

Vehicle: 24 months/100,000km*
Powertrain: 36 months/150,000km*
Corrosion (Perforation): 36 months
*Which ever comes first. Subject to the terms and conditions detailed in the warranty book.



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A policy of continual improvement means that the specifications are subject to change without notice. Contact your Isuzu Dealer to confirm current specification.

CV0292 MAY07

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