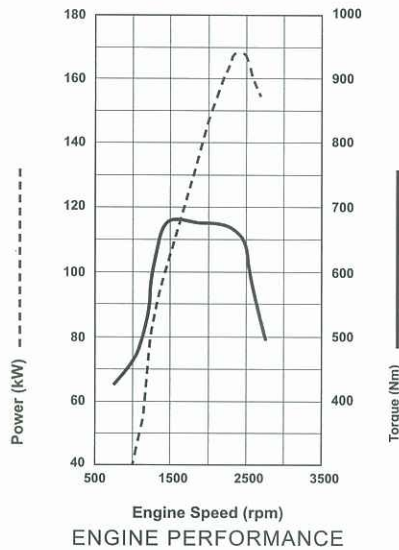


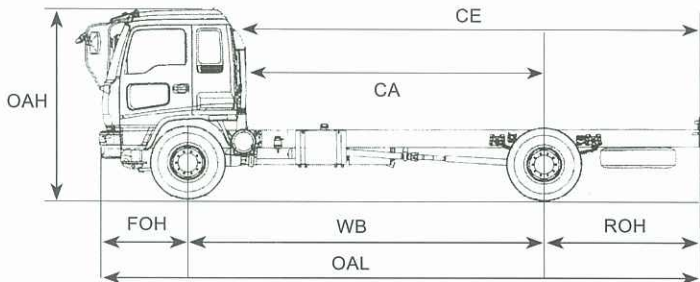
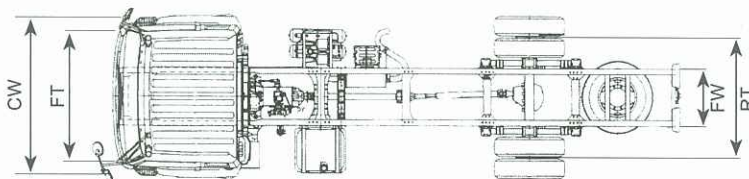


Sample photo only.
Actual vehicle may differ
slightly from that shown.

6HK1-TCC
Power 169kW / 2400 rpm
Torque 686 Nm / 1500 rpm



ENGINE PERFORMANCE



MAIN SPECIFICATIONS

Model	FTR750
Code	FT10
Configuration	4 x 2
GVM	15,500kg
GCM	25,000kg
Towed Mass Unbraked	2,000kg
Gradeability at GVM	36.89%
Gradeability at GCM	21.56%
Estimated geared Speed	90km/h @ 2140rpm
Turning circle kerb to kerb	17.5m

DRIVELINE SPECIFICATIONS

Engine Model	6HK1-TCC (US98)
Type	6 cylinder in-line OHC 24 valve Denso common rail fuel injection Turbo Charged Intercooled
Displacement	7790cc
Compression ratio	16.8 :1
Power (JIS Gross)	169kW (230PS) @ 2400rpm
Torque (JIS Gross)	686Nm (506 lb/ft) @ 1500rpm
Transmission Model	MLD7Q
Forward Gears	7

KERB MASS

Front	2,844kg
Rear	1,808kg
Total	4,652kg

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

DIMENSIONS (mm)

WB - Wheelbase	5,050
OAL - Overall length	8,500
CW - Cab width	2,400
OAH - Overall height	2,690
CA - Cab to rear axle	4,220
CE - Cab to rear of frame	6,420
FOH - Front overhang	1,250
ROH - Rear overhang	2,200
FT - Front track	1,990
RT - Rear track	1,790
FW - Frame width	850
Chassis Height at Rear Axle	1,010

FTR750

Driveline Specifications

ENGINE ISUZU 6HK1-TCC

- Bore and stroke 115 mm and 125 mm

LUBRICATION

- Pressure feed lubrication with combination full flow and partial flow bypass filter.
- Oil capacity: 13.5litres including filter

COOLING SYSTEM

- Water cooled system thermostatically controlled with pressure vented radiator.
- V-belt driven water pump with 640mm diameter, 8 bladed, viscous hub, clutch controlled fan.
- Coolant capacity: 23.3 litres

FUEL SYSTEM

- Denso common rail fuel injection.
- 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 diameter

TRANSMISSION - MLD7Q

- 7 Speed overdrive, constant mesh with air assist gear shift and synchromesh on gears 2-7, with short easy grip gear lever.
- Gear ratios (:1)

1st	7.166	5th	1.254
2nd	4.526	6th	1.000
3rd	2.919	7th	0.756
4th	1.954	Reverse	7.276
- 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 6,300KG

- Isuzu FO63 reverse Elliot I-beam axle.

REAR AXLE - CAPACITY 9,200KG

- Isuzu RO92 heavy duty fully floating banjo type with hypoid single speed reduction.
- Drive ratio: 5.571:1
- Hypoid type ring gear 398mm diameter
- Oil capacity 9 litres

Warranty

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

Chassis Specifications

FRONT SUSPENSION

- Alloy steel, taper leaf springs.
- Fully wrapped eye with greaseable shackles
- Hydraulic double acting, telescopic shock absorbers.
- Stabiliser bar.

REAR SUSPENSION

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

STEERING

- Integral power assisted re-circulating ball.
- Gear ratio: 22.4:1
- Turns lock to lock: 4.8
- 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

- Full air "S" cam dual circuit brakes with leading and trailing shoes.
- Front drum 420mm x 140mm
- Rear drum 420mm x 180mm
- Total swept area: 8,668 sq cm
- Asbestos free lining material
- 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: 253 x 80 x 7.5mm
- Width across frame 850mm
- Material: HT540A weldable high tensile steel
- Please refer to Isuzu body builders manual for chassis modifications and body fitment.

WHEELS & TYRES

- One piece rim 7.5 x 22.5 with 162mm offset, 10 stud, 22mm bolt size.
- Tyres: 275/70R 22.5 radial tubeless, single front and dual rear.
- 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: 2 x 12 volt, 110 amp/hour mounted on chassis side member with protection cover.
- Starter motor: 24 volt, 4.5kW output
- Alternator: 24 volt, 40 amp 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
- 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

- Full trimmed cab interior, with cloth seat facings formed roof lining, trim colour grey.
- Isringhausen 6500/517 air suspension drivers 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
- Standard air conditioning
- Covered overhead shelf (lockers)
- AM/FM CD tuner / clock and remote seek switch
- Interior light - multi lamp (fluorescent)
- 12v accessory outlet
- Wood grain dash panel
- Interior rear view mirror
- Keyless entry
- Drivers foot rest
- Central locking
- Power windows
- Ashtray both doors
- Seatbelts
- Cigarette lighter
- Hand tools and 7,000kg jack

INSTRUMENTS AND CONTROLS

- Gauges: Electronic speedometer with odometer, electronic tachometer, dual air pressure, fuel level, coolant temperature.
- Warning lamps: Battery charge, low air 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 washer, 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.
- LH ext. mirror fold in switch.



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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.

CVO282 MAY07

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