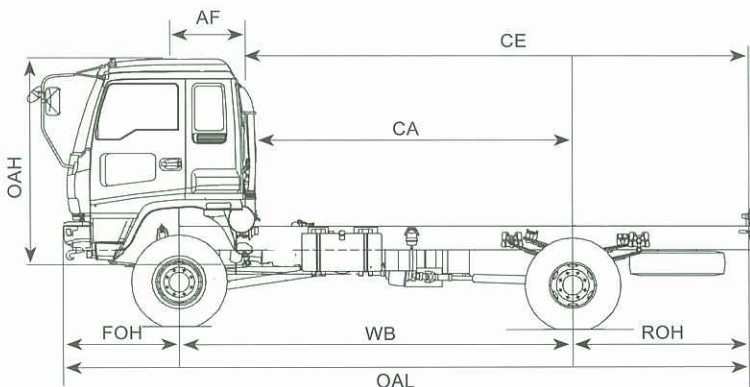
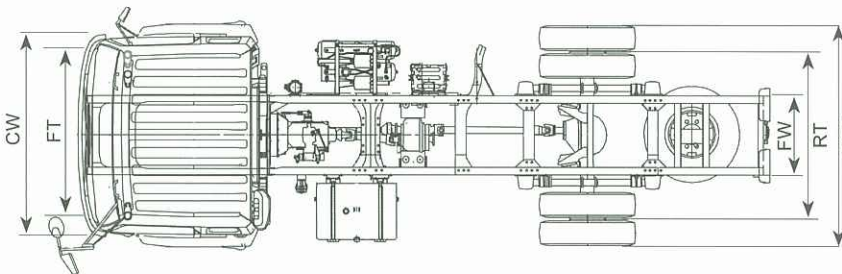
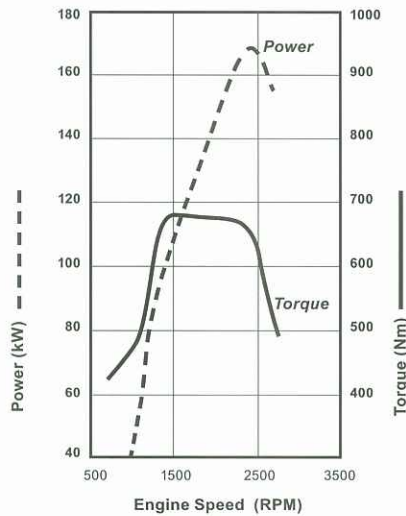




Sample photo only.  
Actual vehicle may differ  
slightly from that shown.

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



### MAIN SPECIFICATIONS

Model	FTS750
Code	FT11
Configuration	4 x 4
GVM	13,000kg
GCM	26,000kg
Towed Mass Unbraked	2,000kg
Gradeability at GVM	64%
Gradeability at GCM	25.7%
Estimated geared Speed	90km/h @ 2050rpm
Turning circle kerb to kerb	17.7m

### DRIVELINE SPECIFICATIONS

Engine Model	6HK1-TCC (98US)
Type	6 cylinder in-line 24 valve OHC Denso common rail direct fuel injection, turbo charged intercooled
Displacement	7790cc
Compression ratio	16.8:1
Power (JIS Net)	169kw (230PS) @ 2400rpm
Torque (JIS Net)	686Nm (506lb/ft) @ 1500rpm
Transmission Model	MLD6Q
Forward Gears	6

### KERB MASS

Front	3,014kg
Rear	1,866kg
Total	4,880kg

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

### DIMENSIONS (mm)

WB - Wheelbase	4,250
OAL - Overall length	7,420
CW - Cab width	2,460
OAH - Overall height	2,985
CA - Cab to rear axle	3,540
CE - Cab to rear of frame	5,440
FOH - Front overhang	1,270
ROH - Rear overhang	1,900
FT - Front track	1,950
RT - Rear track	1,790
FW - Frame width	850
Chassis height at rear axle	1,060
AF Front axle to rear of cab	710
ORT Over all rear tyres	2360

# FTS750 4x4

## Driveline Specifications

### ENGINE - ISUZU 6HK1-TCC

- Bore and stroke 115mm x 125mm
- Emission Std US98D

### LUBRICATION

- Pressure feed lubrication with combination full flow and partial flow bypass filter
- Oil capacity 13.5 litres approx. 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 fan.
- Coolant capacity: 23.3 litres approx.

### 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

- Air assisted hydraulic control, dry, single plate, with 1 2 coil type cushioning springs
- Asbestos free clutch plate 381 mm diameter

### TRANSMISSION - MLD6Q

- 6 speed overdrive, with air assist gear shift and synchromesh on gears 2-6, with short easy grip gear lever

#### Gear Ratios (:1)

1 <sup>st</sup>	6.720	4 <sup>th</sup>	1.540
2 <sup>nd</sup>	4.244	5 <sup>th</sup>	1.000
3 <sup>rd</sup>	2.580	6 <sup>th</sup>	0.763

Reverse 6.823

- Oil capacity 6.5 litres approx.
- Transfer gear box **Isuzu TF56**
- Transfer case ratio: High 1,000:1 :Low 1.913:1
- Transfer case oil capacity: 3.7 Litres approx
- Power take-off on left hand side of transmission
- PTO capacity: 25kg-m @ 1500rpm
- Full time 4WD with driver activated centre diff lock

### EXHAUST

- Horizontal exhaust and muffler
- Exhaust brake air operated

### FRONT AXLE - ISUZU

- Banjo type with Birfield joints
- Axle ratio: 5.571 :1
- Final gear size: 365mm
- Oil capacity 5.5 litres approx.
- Permanently engaged hubs

### REAR AXLE - ISUZU RO92

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

### AXLE LOAD SUMMARY (KG)

	Front	Rear
Axle Capacity:	5,000	9,200
Spring Capacity:	5,560	8,500
Tyre Capacity:	5,600	10,600
Legal Limit:	5,000	8,000

## 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.

## Chassis Specifications

### FRONT SUSPENSION

- Parabolic leaf springs
- Nominal size mm 1470 x 80 x 3 leaves
- Fully wrapped eye with greasable shackles
- Hydraulic double acting, telescopic shock absorbers

### REAR SUSPENSION

- Semi-elliptical, alloy steel, 2-stage, multi-leaf springs
- Fully wrapped eye with greasable shackles
- Nominal size mm 1420 x 80 x main 7 leaves helper 9 leaves
- Bolt fastened spring shackle brackets

### STEERING

- Integral power assisted re-circulating ball
- Gear ratio: 18:1 - 22.4 :1
- Turns lock to lock: 3.5
- Gear driven vane type oil pump
- Oil capacity: 3.0 litres approx.
- Soft feel urethane steering wheel 480mm dia. 2 spoke
- Tilt/telescopic steering column adjustable for height and angle
- Front axle steering damper

### BRAKES

- Dual circuit, air over hydraulic brake system
- Front - two leading shoes
- Rear - dual two leading shoes
- Drum diameter front 400mm and rear 410mm
- Total lining area: 4008 cm<sup>2</sup>
- Total swept area: 6497 cm<sup>2</sup>
- Asbestos free lining
- Spring park brake acting on rear wheels
- Air operated exhaust brake
- Air dryer
- 44.8 Ltr total air reservoir capacity

### CHASSIS FRAME

- Parallel rail, ladder type channel section with reinforcement and cold riveted crossmembers
- Side member dimensions: 253 x 80 x 7.5 mm with 4.5mm reinforcement
- Width across frame 850mm
- HT540 weldable high tensile steel
- (please refer to Isuzu body builders guide for chassis modifications and body fitment)

### WHEELS & TYRES

- Two piece rim and pressed steel disc, 7.5" x 22.5" with 162mm offset, 8 stud, 20mm bolt size
- Tyres: 10R22.5 radial 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, NS120 type 512 CCA @ -18°C 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



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

## Cabin Specifications

### CAB EXTERIOR

- Forward control, monocoque construction, high roof, with welded strengthening ribs and door side 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
- Large alloy non-skid entry steps
- European style mirrors, left and right hand sides
- 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

- 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
- Seat belts - 2 retractor, 1 lap
- High back outboard passenger seat, folding centre seat with compartment
- Dual sunvisors
- Cigarette lighter
- Interior rear view mirror
- Interior light - multi lamp (fluorescent)
- Air conditioner manual control
- Overhead lockers
- AM/FM CD tuner with drivers remote seek switch
- 12V accessory outlet • Wood grain dash panel
- Central locking • Keyless entry
- Ashtray both doors
- Easy grab handles on A and B Pillars
- Cab exhaust vent upper rear cab
- Power windows
- Lockable tool box with 7,000kg jack & wheel changing tools, tool kit

### INSTRUMENTS & CONTROLS

- Gauges: Electronic speedometer with odometer, electronic tachometer, dual air pressure, fuel level, coolant temperature, dual trip meter
- Warning lamps: Battery charge, low air pressure, engine overrun, 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, centre diff lock engaged, low range engaged, PTO engaged
- 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
- Key operation for engine stop/start and external engine crank switch for when cab tilted
- LH ext. mirror fold in switch

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

CV0283 OCT07

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