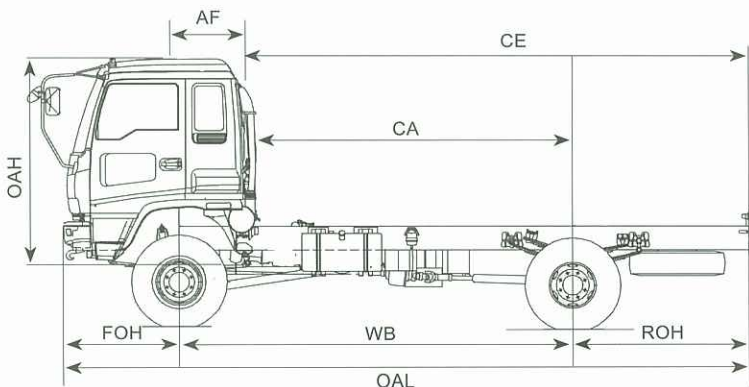
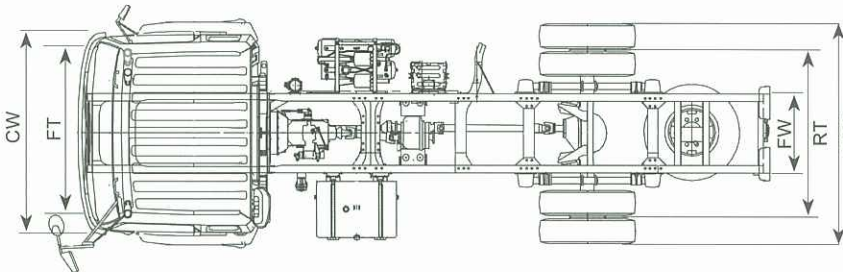
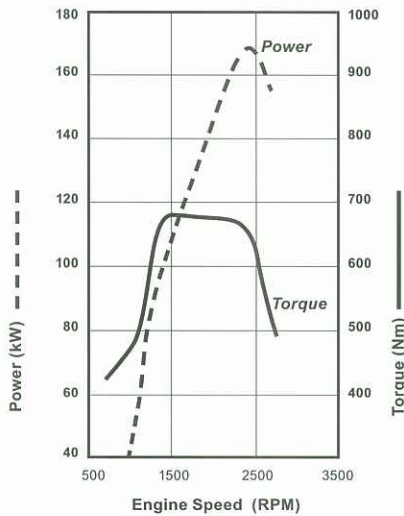




Sample photo only.
Actual vehicle may differ
slightly from that shown.

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 st	6.720	4 th	1.540
2 nd	4.244	5 th	1.000
3 rd	2.580	6 th	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 cm²
- Total swept area: 6497 cm²
- 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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