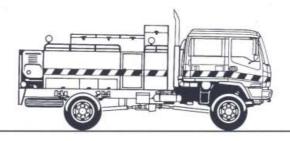
# SUZU FTS 750 4X4/CREW



## **ENGINE ISUZU 6HH1-S**

Type: 6 cylinder, overhead camshaft, four stroke, direct injection, diesel.

Bore x Stroke: 115 mm x 132 mm.

**Displacement:** 8226 cc. **Compression Ratio:** 18.5 : 1.

Output - Power: 150 kW @ 2850 RPM. (ISO 1585)

Torque: 539 Nm @ 1700 RPM. (ISO 1585)

## CLUTCH

- · Hydraulic control dry single plate. 352 mm (14") diameter.
- Asbestos free lining material. Total lining area (both sides) 1164cm².

# TRANSMISSION ISUZU MLD6D

- 6 speed direct drive, constant mesh with synchromesh on gears 2-6. Oil capacity 6.5 litres.
- Pneumatic gearshift assistance.

Gear ratios (: 1)

1st | 2nd | 3rd | 4th | 5th | 6th | Rev | 7.166 | 4.526 | 2.919 | 1.954 | 1.254 | 1.000 | 7.276 |

· Maximum geared speed 96 km/h

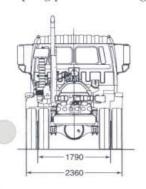
- · Two speed transfer case, electric/air shift control, oil to air oil cooler.
- Ratios (: 1) High 1.000, Low 2.091. Oil capacity: 3.0 litres.
- · 3 piece propeller shaft, 90 mm diameter.

### **REAR AXLE ISUZU R092 CAPACITY 9200 KG**

- Banjo type, fully floating, No-Spin differential lock. Ratio 5.571: 1.
- · Hypoid type ring gear, 398 mm diameter. Oil capacity 8.0 litres.

# **BRAKES**

- Air over hydraulic, dual circuit, front two leading, rear dual two leading. Drum diameter front 400 mm, rear 410 mm.
   Total swept area 6497cm<sup>2</sup>.
- · Air dryer.
- · Asbestos free lining material.
- · Spring park brake acting on rear wheels.





MODEL	WHEELBASE	GVM	GCM	ORDERING CODE	
FTS 750 CREW	4250mm	13000kg	*18000/ 20500kg	8FP03-571	

\*18000kg off road, 20500kg on road

# KERB MASS (kg)\*

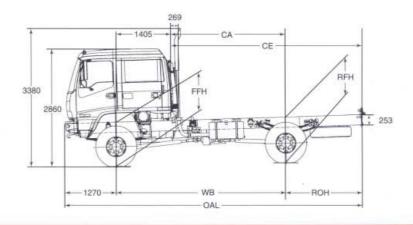
	Front	Rear	Total
FTS 750 CREW	3,030	1,810	4.840

<sup>\*</sup>Estimated mass of chassis cab with oil, water and fuel tank containing 10 litres of fuel. Excluding spare wheel and tools.

## **DIMENSIONS (mm) \***

	FTS 750 CREW
Wheelbase (WB)	4.250
Overall Length (OAL)	7,420
Rear Overhang (ROH)	1,900
Cab To Axle (CA)	2,845
Cab To End Of Frame (CE)	4,745
Front Frame Height, Unladen (FFH)	1,089
Front Frame Height, Laden (FFH)	1,060
Rear Frame Height, Unladen (RFH)	1,169
Rear Frame Height, Laden (RFH)	1,040
Turning Circle (Kerb To Kerb)	17.7m
Nominal Max. Body Length*	4,975

<sup>\*</sup>Except Turning Circle: metres. \*Subject to weight distribution



#### **AIR CLEANER**

Donaldson 11" two stage with vertical air intake stack and rain head.

#### **CHASSIS FRAME**

- Parallel rail, ladder type channel section, cold riveted.
- Straight frame for easy body mounting. Frame width 850 mm.
- Side member dimensions: 253 mm x 80 mm x 7.5 mm.
- Frame reinforcement 240 mm x 72.5 mm x 4.5 mm angle section.
- · Material, HT540A, weldable high tensile steel

#### **COOLING SYSTEM**

- 6 blade plastic cooling fan 500 mm diameter with thermatic fan clutch.
- Corrugated fin radiator with fan shroud. Frontal area 3820 cm². Coolant capacity 23.3 litres.

#### **ELECTRICAL SYSTEM**

- Batteries 2 x 12 volt / 65 amp/h, negative earth.
- Alternator 24 volt / 40 amp.
- Starter motor 24 volt / 4.5 kW.
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting.

#### **EXHAUST SYSTEM**

- Horizontal exhaust muffler with vertical exhaust stack.
- · Exhaust brake, air controlled.

#### FRONT AXLE ISUZU FD047 CAPACITY 4700 KG

- Banjo type, fully floating with Birfield type steering ball joint.
   Ratio: 5.571: 1
- Spiral bevel type ring gear, 365 mm diameter. Oil capacity 5.5 litres.

#### FRONT SUSPENSION

- Semi-elliptical, alloy steel tapered multi-leaf springs.
   Fully wrapped eye with greaseable shackles.
- Length x Width x Thickness x No. leaves 1470 mm x 80 mm X 12 mm 3 X 13 mm 80 mm 5 X 80 mm 18 mm
- · Hydraulic, double acting, telescopic shock absorbers.

#### **FUEL SYSTEM**

 In line plunger, Bosch 'ADS' type fuel injection pump with mechanical all speed governor. In line filter, see through water separator with drain cock. Single fuel tank, capacity 180 litres.

# **LUBRICATION SYSTEM**

 Pressure feed lubrication with combination full flow and partial flow by-pass filter. Plate type oil cooler in water jacket. Oil capacity 13.5 litres including filter.

#### REAR SUSPENSION

 Semi-elliptical, alloy steel tapered multi-leaf springs. Fully wrapped eye with greaseable shackles.

TF	Length		Width	x	Thickness	x	No. leaves
Main:	1420 mm	X	80 mm	X	12 mm	X	1
			80 mm	X	13 mm	X	6
Aux:	1000 mm	X	80 mm	X	12 mm	X	9

#### STEERING

- Fully integral, power assisted, recirculating ball type.
- Gear ratio 22.4: 1. Turns lock to lock 3.5.
- · Gear driven vane type oil pump. Oil capacity 2.5 litres.

#### TOOLS

 Lockable tool box with 10,000 kg capacity jack and wheel changing tools, tool kit.

#### WHEELS AND TYRES

- 7.00T x 20, 8 stud disc wheels, 9.00R20 tubed tyres front and rear.
- Number of wheels and tyres 7, including spare. Winch type spare wheel carrier.

#### **CAB EXTERIOR**

- All steel, power tilt 4 door cab with welded strengthening ribs and side door impact beams.
- · Cation electrodeposition primer.
- · Bumper bar with step holes and footplate.
- Halogen headlamps, hinged for easy bulb replacement.
   Park lamps and cab clearance lamps.
- · Turn signal lamps in front bumper and over wheel arches.
- 2 speed wiper/washer with variable intermittent mode.
   Triple washer jets mounted on wiper arms.
- · Tinted, laminated windshield; tinted, toughened side and rear glass.
- West Coast type rear view mirrors. Convex mirror surface on passenger side.
- · Alloy non-slip cab front entry steps. Steel rear entry steps.
- Lift up front access panel for clutch and windscreen washer fluids, cab air filter screen. Engine and brake fluid check points at rear of cab.

#### **CAB INTERIOR**

- Driver's seat with mechanical suspension and 3 way lumbar support. Adjustment for seat back recline, seat slide and weight control.
- Outboard reclining passenger seat with under-seat storage drawer.
   Folding centre seat back with lockable compartment and tray.
- · Rear 4 person bench seat.
- Vinyl seat material and heavy duty vinyl floor mat, formed roof lining. Overhead storage lockers. Driver and passenger sun visors.
- All outboard seating positions have lap/sash seat belts with emergency locking retractors. All inner seating positions have lap seat belts.
- Pull out drinks holder in centre fascia, cigarette lighter with ash trays in all doors.
- Tilt/telescopic adjustable steering column, soft feel urethane steering wheel.
- Easy entry grab handles on 'A' & 'B' pillars (front doors) and 'B' and 'C' pillars (rear doors).
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets, demister ducts to door glass.
- AM/FM radio cassette with digital clock, dash mounted.
- DIN standard aperture in dash for CB radio.
- Park brake activation lever at left side of driver's seat.
   Page vision private.
- Rear vision mirror.
- Front passenger side assist grip. Full cab width grab rail for rear passengers.
- Driver's left foot rest.
- · Business card clip.
- · Elastic mesh pocket on driver's door.

#### INSTRUMENTATION

- · Speedometer, odometer, trip meter and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.

#### **INDICATOR LAMPS**

- Turn signals, parking brake on, high beam on, exhaust brake engaged.
- · High/Low ratio engaged, Transfer Case (4WD) engaged.
- · Reversing lamp and beeper.

# **WARNING LAMPS**

- · With warning bulb check switch.
- Battery charge, oil pressure, low air pressure, brake system, stop and tail light failure.

#### CONTROLS

- Left side combination stalk switch for exhaust brake, windscreen wipers and washer, hazard lamps.
- Right side combination stalk switch for headlamps, high beam and turn signals.
- Dash mounted switches for Transfer Case (4WD Engage and High/Low Papers) control.
- High/Low Range) control.
- Engine idle speed adjust control.
- Key operation for engine start and stop, external engine crank switch for service when cab is tilted.
- 2 interior lamps, each with 3 way switch, activated by either front door.
- 24 volt-2 pin accessory plug in centre console.