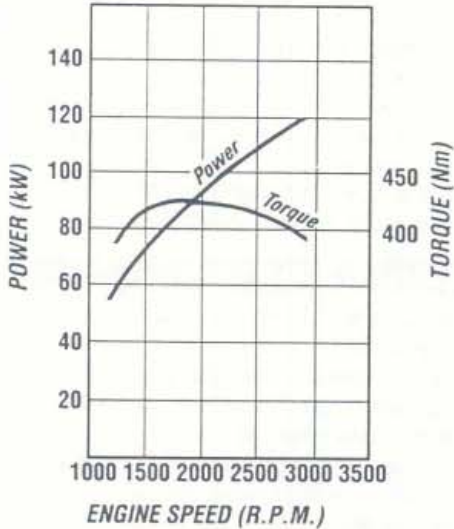


# 700

**FTS 700 CREW CAB**

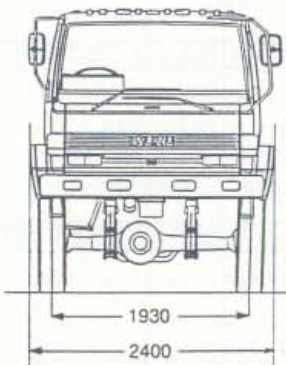
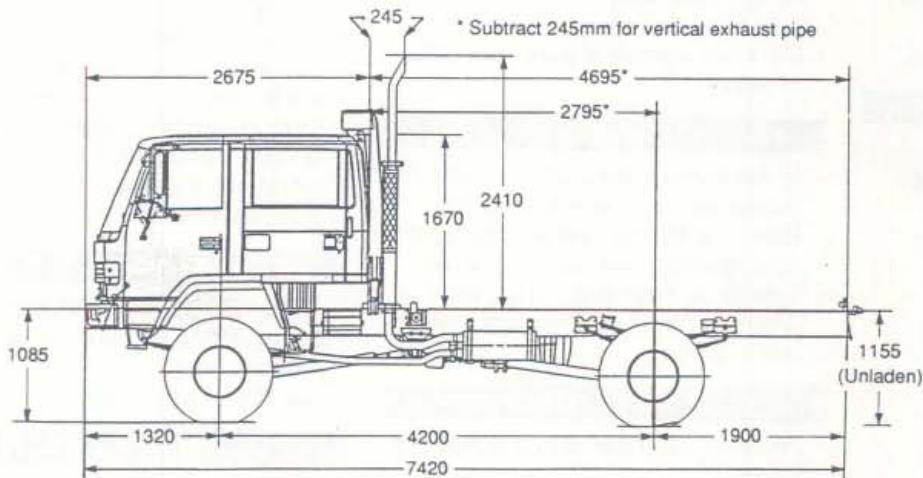
**GVM: 12,500kg**  
**\*GCM: 15,000/18,000kg**  
**WHEELBASE: 4,200mm**

## ISUZU 6BG1 ENGINE PERFORMANCE

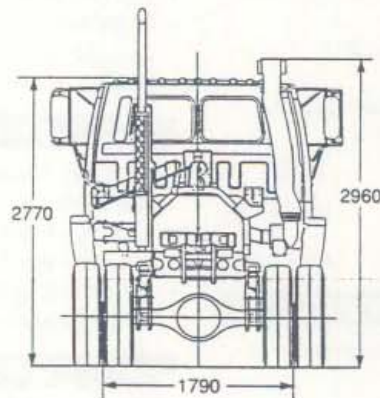


- Type: 6 cylinder OHV diesel, four stroke, direct injection
- Bore x Stroke (mm) 105 x 125
- Displacement 6494 (cc)
- Compression Ratio (:1) 17.0
- Output-Power (kW) 120 @ 2900 rpm (DIN Nett)
- Torque (Nm) 431 @ 1800 rpm (DIN Nett)

## DIMENSIONS



<b>*ESTIMATED KERB MASS (kg)</b>	
FRONT	2994
REAR	1818
TOTAL	4812
<b>FRAME WIDTH (mm)</b>	
	850
<b>TURNING CIRCLE (m)</b>	
Kerb to Kerb	18.0
<b>BODY LENGTH (mm)</b>	
	4870
Subject to weight distribution	



\*Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.  
 \*15,000kg off road 18,000kg on road.

ISUZU-GENERAL MOTORS AUSTRALIA LTD A.C.N. 006 962 572

12/59 WARRANTY. Every Isuzu Truck is covered by the I-GM new vehicle warranty which covers your vehicle for the first 12 months or 50,000 kilometres.

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CT2925-10/91







# 700

FTS 700 CREW CAB

ORDERING CODE:  
8EW03-521

## ENGINE - ISUZU 6BG1

### Lubrication:

- Pressure feed lubrication with full flow, paper element filter, oil cooler. Oil capacity 12.5 litres including filter.

### Cooling System:

- Six blade plastic cooling fan with thermatic clutch. Size 475 mm diameter.
- Tube and corrugated fin pressure type radiator size (mm) 622h x 559w x 53t, frontal area 0.348m<sup>2</sup> with bell mouth fan shroud.

## FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 11" with high vertical air intake stack and rain head.
- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor.
- In line paper filter, see-through water separator with drain cock.
- Fuel tank capacity 200 litres.
- Horizontal exhaust muffler with vertical stack.

## CLUTCH

- Hydraulic control, dry single plate with coil type cushioning springs. 350 mm (14") diameter, lining area 1164cm<sup>2</sup> (Both sides.)

## TRANSMISSION - ISUZU MLD6D

- Six speed, direct drive, constant mesh, synchromesh on gears 2-6. Oil capacity 6.5 litres.

### Gear Ratios:1

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

- Maximum geared speed 106 km/h

- Two speed transfer case, oil capacity 3 litres.

### Ratios : 1

High - 1.000      Low - 2.091

- Three piece propeller shaft

	Diameter	Length
Transmission to transfer case	50mm	144mm
Transfer case to front axle	90mm	1,404.6mm
Transfer case to rear axle	90mm	1,317.5mm

## REAR AXLE - CAPACITY 9,200kg

- Banjo type, fully floating, with no spin differential. Ratio 5.571:1
- Hypoid type ring gear, 398mm diameter Oil capacity 7.5 litres

## REAR SUSPENSION - CAPACITY 14,600kg

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

- Size: Length x width x thickness  
Main: 1420 x 80 x 12mm - 1 leaf  
1420 x 80 x 13mm - 6 leaves  
Auxiliary: 1000 x 80 x 12mm - 9 leaves

## FRONT AXLE CAPACITY - 4,700kg

- Banjo type, fully floating with Birfield type steering ball joint. Ratio 5.571:1
- Spiral bevel type ring gear, 365mm diameter Oil capacity 3.8 litres.

## FRONT SUSPENSION - CAPACITY 7,500kg

- Semi elliptical, alloy steel, tapered, multi leaf springs. Fully wrapped eye with greasable shackles.
- Size: Length x width x thickness  
1470 x 80 x 12 - 3 leaves  
1470 x 80 x 13 - 4 leaves  
1470 x 80 x 18 - 1 leaf
- Hydraulic, double acting, telescopic shock absorbers.

## STEERING

- Fully integral, power assisted, recirculating ball type. Gear ratio:1 16.1-18.8 variable. Turns lock to lock 4.6
- Gear driven vane type oil pump, oil capacity 2.0 litres.

## BRAKES

- Air over hydraulic, dual circuit, front two leading rear dual two leading, drum diameter, front 400mm rear 410mm. Total lining area 4210cm<sup>2</sup>.
- Spring parking brake acting on rear wheels.
- Butterfly, air controlled, exhaust brake system, activation switch on wiper/washer control stalk.

## CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold riveted.
- Side member dimensions 253 x 80 x 7.5mm
- Frame reinforcement 240 x 72.5 x 4.5mm at back of cab.
- High tensile steel, HT55 weldable frame material.

## WHEELS AND TYRES

- 7.00T x 20 - 8 stud disc wheels front and rear. 20mm bolt size.
- 9.00R 20 - 14 ply Dunlop GB127 tubed radial tyres front and rear.
- Number of tyres 7, including spare.
- Winch type spare wheel carrier.

## ELECTRICAL SYSTEM

- Batteries 2 x 12 Volt - 55 amp/hour, negative earth.
- Alternator 24 Volt - 40 amp.
- Starter motor 24 Volt - 4.5kW output.
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting.

## CAB EXTERIOR

- All steel, power tilt, four door cab, cation

- electro deposition primer.
- Heavy duty bumper bar with four rectangular halogen headlamps inset.
- Combination turn signal and park lamps.
- West Coast type rear view mirrors with clearance lamps.
- Laminated windshield, 2 speed wiper with intermittent mode and washers.
- Front side quarter vent windows.
- Corrosion resistant, non slip, cab front entry steps.
- Steel rear entry steps.
- Exterior grab handles on 'B' and 'C' pillars.
- Tool kit with 10,000kg capacity jack.

## CAB INTERIOR

- Air suspension drivers seat, reclining with seat slide and height control.
- Outboard passenger seat, folding centre seat back with lockable compartment and snack tray.
- Rear 4 seater bench seat.
- All outboard seats have lap/sash seat belts with emergency locking retractor, inboard seats have lap belts.
- Vinyl seat material, padded roof lining and heavy duty vinyl floor mat.
- Overhead parcel shelf with drivers and front passenger sun visors.
- Easy entry grab handles on 'A' and 'B' pillars, full length grab rail for rear passengers.
- Soft feel urethane steering wheel.
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.
- High/low ratio selector and 4 wheel drive selector.

## INSTRUMENTATION

- Speedometer, odometer and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.
- Dash illumination control.

## INDICATOR LAMPS

- Turn signals, parking brake on, high beam on, exhaust brake engaged, brake fluid level, four wheel drive engaged.

## WARNING LAMPS

- With warning bulb check switch.
- Battery charge, oil filter clogged, oil pressure, low air pressure, brake system, air cleaner clogged, stop and tail lamp failure.

## SWITCHES

- Left side combination switch for exhaust brake, wipers and washers.
- Hazard lamp switch.
- Right side combination switch for headlamps, turn signals and headlamp dip.
- Key operation for engine stop and start, external engine crank switch for service when cab is tilted.
- 24 Volt 2 pin accessory plug on centre fascia panel.
- Three way switch for interior lamp, activated by driver and passenger doors.