



ISUZU FTS 12 HA

STANDARD GVM 12,500 kg

GCM ON ROAD 18,000 kg
OFF ROAD 15,000 kg

ORDERING CODE: 8EW02 KERB MASS (estimated) 4,442 kg

DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BG1 Type: Six cylinder diesel Bore & Stroke: 105x125mm Displacement: 6494 cc Max power (Nett): 120kW @ 2900 rpm (DIN) Max torque (Nett): 431Nm @ 1800 rpm (DIN) Compression ratio: 17.0:1 RAC Rating: 41:0	Model: ISUZU MLD6D Type: 6-speed direct drive Gear ratios (to 1) 1st 7.166 5th 1.254 2nd 4.526 6th 1.000 3rd 2.919 Rev 7.276 4th 1.954 Transfer case: Low 2.091:1 High 1.000:1	AXLE FRONT Type: Banjo Capacity: 4,700 kg Ratio: 5.571:1 Spiral Bevel AXLE REAR Type: Banjo fully floating Capacity: 9,200 kg Ratio: 5.571:1 Hypoid	Air/Hydraulic WHEELBASE 4,200mm

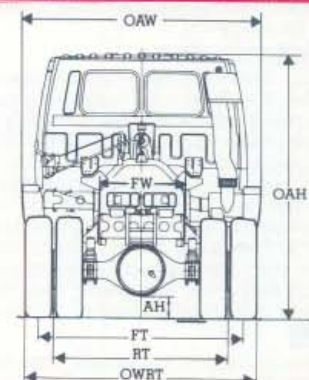
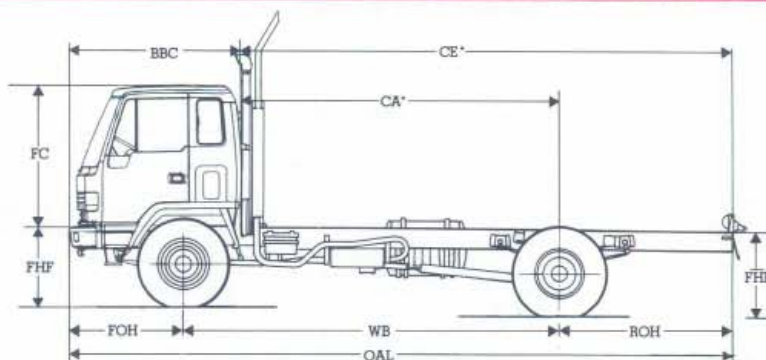
CHASSIS RATINGS

GROSS COMBINATION and GROSS VEHICLE MASS RATING

ESTIMATED KERB MASS (chassis and cab with oil, water and fuel tank containing 10 litres of fuel) (kg)

GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
STD 12,500	On Road 18,000 Off Road 15,000	9.00 R20 - 14 Ply Dunlop - Traction GB127	2,684	1,758	4,442

DIMENSIONS



LENGTHS

	(mm)
Overall length	OAL 7,370
Wheelbase	WB 4,200
Cab to axle	CA* 3,550
Cab to end of frame	CE* 5,450
Front Overhang	FOH 1,270
Rear Overhang	ROH 1,900
Bumper to back of cab	BBC 1,920

WIDTHS

	(mm)
Overall width	OAW 2,400
Frame width	FW 850
Front track	FT 1,930
Rear track	RT 1,790
Outside width rear tyres	OWRT 2,460

HEIGHTS

	(mm)
Frame to top of cab	FC 1,670
Overall height	OAH 2,770
Ground to top of frame (Front)	FHF 1,119
(Rear)	FHR 1,155
Rear axle clearance from ground	AH 265
Rear axle clearance to frame	FA 183

TURNING CIRCLE

	(m)
Kerb to kerb	18.8
Wall to wall	20.2

*CE & CA dimensions are effectively reduced by 300mm with fitment of vertical exhaust pipe

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CAB/CHASSIS COMPONENT

AXLE FRONT

Type: Banjo
Capacity: 4700 kg Toe in: 0°
Ratio: 5.571:1

AXLE REAR

Type: Banjo, fully floating
Capacity: 9200 kg
Ratio: 5.571:1
Final Gear: 398mm diameter Hypoid
Non spin Differential

BRAKES, SERVICE

Type: Air hydraulic dual circuit, front two leading and rear dual two leading type.
Total lining area: 4,637cm²
Brake drum diam: 400mm front and rear
Brake lining: 115(w) x 405(l) x 12(t)mm front
115(w) x 419(l) x 14.5(t)mm rear.

BRAKE, PARKING

Type: Spring park brake acting on rear wheels.

BRAKE, AUXILIARY

Exhaust brake.

CABIN

EXTERIOR

All steel tilt cab Cation electro deposition primer Manual tilt Laminated windshield 2 speed wiper with intermittent function and washer West Coast type rear view mirrors Dual square Halogen headlamps Fog lamps Combination turn and park lamps Corrosion resistant cabin entry steps Vertical air intake stack Tool kit with 10,000kg capacity jack Access to engine fluid checks without cab tilt operation.

INTERIOR

Seats: Driver - Air suspension, reclining with seat slide, height control and lumbar support. Co driver's seat - reclining. Centre - Folding, with console. LH - reclining Seat Material: vinyl Tilt/telescopic steering Side vent windows AM radio Heater/Demister with 4 speed fan. Outlets to screen (4) Chest level (3) Drivers face level (2) Floor level (2) Park brake activation lever beside drivers seat Engine cover mounted gearshift lever Driver and passenger sunvisors Moulded roof lining Overhead parcel shelf.

INSTRUMENTATION

GAUGES: - Speedometer with odometer, tachometer, water temperature, fuel level and brake air pressure INDICATOR LAMPS: Turning indicators, headlamp high beam, exhaust brake on and park brake engaged WARNING LAMPS: Low brake fluid, clogged air filter, low brake air pressure, stop/tail light failure, and low oil pressure, clogged water separator, clogged engine oil filter and low battery charge SWITCHES: Left side combination switch for exhaust brake, wipers and washer. Hazard lamp switch. Fog lamp switch. Right combination switch for headlamps, turn signals and headlamp dip. Key operation for engine start and stop. Externally mounted switch for engine turnover with cab tilted (mounted on rear RH cab mount).

CLUTCH

Type: Hydraulic control, dry single plate with cushioning spring.
Size: 350mm diameter.
Lining area: 1164cm² (both sides).

ENGINE SPECIFICATIONS

Type: 6 cylinder OHV diesel
Displacement: 6494 cc
Max Power: 120 kW @ 2900 rpm
Max Torque: 431 Nm @ 1800 rpm
Bore and stroke: 105 x 125 mm
Compression ratio: 17.0:1
RAC rating: 41.0

YOUR HOLDEN'S/ISUZU DEALER

LUBRICATION

Pressure feed with full flow paper element filter, oil cooler.
Capacity 12.5 litres, including filters.

COOLING

Thermatic type 6 blade fan.
Size: 475 mm
Radiator type: Tube and corrugated fin
Size: 559h x 622w x 53t (mm)
Frontal area: 0.348m² with bell mouth fan shroud.

AIR CLEANER

Paper element, double stage, Donaldson 11" type. Vertical air intake stack with rain head.

FUEL SYSTEM

Injection pump: In line plunger, Bosch 'A' type with mechanical all speed governor.
Filters: In line paper filter, water separator with drain cock.
Fuel tank capacity: 200 litres (cylindrical).

ELECTRICAL SYSTEM

Batteries: 2 x 12V 53A/H
Alternator: 24V - 40A
Starter: 24V - 4.5 kW
Dash mounted fuse box.

EXHAUST SYSTEM

Type: Vertical
Size: 600 (length) x 190/250 (O.D.) x 75 (outlet)(mm)

FRAME

Type: Ladder type channel section
Side member dimensions: 253 x 80 x 7.5mm
Frame reinforcement: At cab back: 24 x 72.5 x 4.5mm 'I' section

STEERING

Type: Fully integral, power assisted recirculating ball with gear driven hydraulic pump.
Variable gear ratio: 16.1-18.8:1

SUSPENSION, FRONT

Type: Semi-elliptical alloy steel leaf spring with stabilizer
Size: 1470 x 80 x 12 x 3 leaves
1470 x 80 x 13 x 4 leaves
1470 x 80 x 18 x 1 leaf
1470 x 80 x 13 x 1 leaf

Shock absorbers: Hydraulic, double acting telescopic

SUSPENSION, REAR

Type: Semi-elliptical alloy steel multi leaf spring
Size: main: 1420 x 80
Auxiliary: 1000 x 80
Shock absorbers: Hydraulic, double acting telescopic

TRANSMISSION

Type: 6 speed direct drive.
Gear Ratios (to 1)
1st 7.166 2nd 4.526 3rd 2.919 4th 1.954 5th 1.254 6th 1.000 Rev 7.276

TRANSFER CASE

Ratios (to 1)
Low: 2.091, High: Direct Drive.

PTO

Location: LH side of transmission

TYRES AND WHEELS

Tyre size: 9.00R 20-14 P.R.
Dunlop - Traction GB127
Wheel type and size: 7.00T x 20, 8 stud disc
No. of wheels: 7 (incl. spare)

HOLDEN'S 12/20 WARRANTY

PLEASE NOTE: Every Isuzu is covered by the Holden's warranty which covers the vehicle for the first 12 months or 20,000 kilometres.

Major engine components and driveline components have additional extended warranty.

Please consult your Holden's/Isuzu dealer for complete and accurate details.

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