



ISUZU FSR 12 HA AUTOMATIC

STANDARD GVM 9,000 kg

STANDARD GCM 14,000 kg

ORDERING CODE: 8EFO2 & MD1 KERB MASS (estimated) 3,135 kg

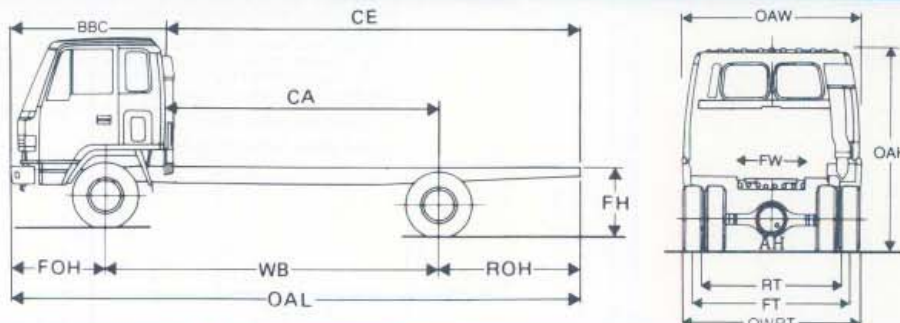
DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BGI Type: Six cylinder OHV diesel. Bore & Stroke: 105 x 125mm. Displacement: 6494 cc. Max Power: 120kW @ 2900 rpm. Max Torque: 431Nm @ 1800 rpm. Compression ratio: 170:1. RAC Rating: 41.0.	Model: ALLISON AT545. Type: 4 speed Automatic. Gear ratios (to 1). 1st: 3.454 2nd: 2.254 3rd: 1.407 4th: 1.000 Rev: 5.025	AXLE, FRONT Type: Reverse Elliot I beam. Capacity: 3,400 kg. AXLE, REAR Type: Banjo, fully floating. Capacity: 7,700 kg. Ratio: 4.750:1.	Air/Hydraulic.
			WHEELBASE
			4200mm.

CHASSIS RATINGS

GROSS VEHICLE and GROSS COMBINATION MASS RATING			ESTIMATED KERB MASS (chassis and cab with oil, water and full fuel tank.) (kg)			
STD	GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
	9000	14000	8.25R 16-14 ply	1980	1155	3135

DIMENSIONS



LENGTHS

		(mm)
Overall length	OAL	7180
Wheelbase	WB	4200
Cab to axle	CA*	3465
Cab to end of frame	CE*	5250
Front Overhang	FOH	1195
Rear Overhang	ROH	1785
Bumper to back of cab	BBC	1930

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

WIDTHS

		(mm)
Overall width	OAW	2190
Frame width	FW	800
Front track	FT	1780
Rear track	RT	1610
Outside width rear tyres	OVRT	2121

HEIGHTS

		(mm)
Overall height	OAH	2380
Ground to top of frame	FH	860
Rear axle clearance	AH	210

TURNING CIRCLE

	(m)
Kerb to kerb	13.9
Wall to wall	15.0

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CAB/CHASSIS COMPONENT SPECIFICATIONS

AXLE FRONT

Type: Reverse Elliot I beam.
Capacity: 3400 kg.

AXLE REAR

Type: Banjo, fully floating.
Capacity: 7700 kg.
Ratio: 4.750:1.
Final Gear: 343mm diameter Hypoid.

BRAKES, SERVICE

Type: Air over hydraulic, dual circuit, front two leading, rear dual two leading.
Total lining area: 3082 cm².
Brake drum diameter: 320mm.

BRAKE, PARKING

Type: Spring brake acting on rear wheels.

BRAKE, AUXILIARY

Exhaust brake.

CABIN

EXTERIOR

All steel tilt cab. Laminated windshield. 2 speed wiper with intermittent function/washer. West Coast type rear view mirrors. Dual square halogen headlamps. Fog lamps. Vertical air intake stack. Tool kit and 7000 kg capacity jack. Spare wheel and tyre.

INTERIOR

Seats: Driver - Air suspension, reclining with seat slide, height control and lumbar support. Centre - Folding tray. LH - Reclining. Tilt-telescopic steering. Side vent windows. AM radio. Heater/Demister with 4 speed fan. Driver and passenger sunvisors. Moulded roof lining. Overhead shelf.

INSTRUMENTATION

GAUGES speedometer with odometer, tachometer, engine temperature, brake air pressure and fuel level. INDICATOR LAMPS for turn indicators, headlamp high beam and park brake on. WARNING LAMPS for low brake fluid, low brake air pressure, battery charge, clogged air filter, oil pressure, stop/tail light warning. Auto. trans. temperature warning, water separator warning, oil filter warning. Left side combination switch for wipers and washer. Hazard warning switch. Fog lamp switch. Right combination switch for headlamps, turn signal and headlamp dip. Key operation auto engine stop.

ENGINE SPECIFICATION

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

LUBRICATION

Pressure feed with full flow paper element filter, oil cooler.
Capacity: 12.5 litre, including filter.

COOLING

6 blade fan with clutch
Size: 475 mm diameter
Heavy duty radiator type: Tube and corrugated fin.
Size: 559 x 622 x 71mm.
Frontal area: 0.348m² with bell mouth fan guide.

AIR CLEANER

Paper element, Donaldson 11" type. Vertical air intake stack.

FUEL SYSTEM

Injection pump: In line plunger, Bosch 'A' type, with mechanical all-speed governor.
Fuel tank capacity: 200 litre.

ELECTRICAL SYSTEM

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

FRAME

Type: Ladder type channel section.
Side member dimensions: 225 x 70 x 6mm.
Frame reinforcement: At cab back: 189 x 4.5mm.

STEERING

Type: Power assisted recirculating ball.
Gear ratio: 22.4:1.

SUSPENSION, FRONT

Type: Semi elliptical, alloy steel leaf springs.
Size: 1200 x 70 x 10mm x 8 leaves.
Shock absorbers: Hydraulic, double acting, telescopic.

SUSPENSION, REAR

Type: Semi elliptical, alloy steel leaf springs.
Size: main - 1300 x 70 x 11mm x 8 leaves.
auxiliary - 850 x 70 x 10mm x 7 leaves.

TRANSMISSION

Type: Allison automatic.
Gear ratios (to 1).
1st: 3.454 2nd: 2.254 3rd: 1.407
4th: 1.000 Rev: 5.025

TYRES AND WHEELS

Tyre size: 8.25R 16 - 14 ply.
Wheel type and size: 6.00 GS x 16, 6 stud disc wheels.

GMH 12/20 WARRANTY

Every Isuzu is covered by the GMH 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 GMH/ISUZU dealer for complete and accurate details.

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