



ISUZU FSR 12 KRA (20" WHEEL) AUTOMATIC

STANDARD GVM	11,000 kg
STANDARD GCM	14,000 kg
ORDERING CODE: 8EG02 & MD1	KERB MASS (estimated) 3,770 kg

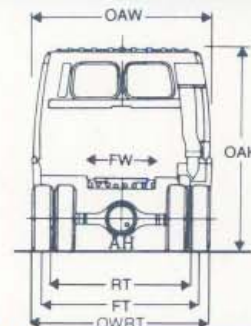
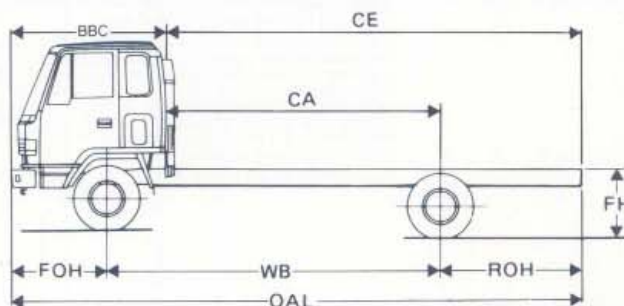
DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BG1 Type: Six cylinder OHV diesel. Bore & Stroke: 105 x 125mm. Displacement: 6494cc. Max Power: 120kW @ 2900 rpm. Max Torque: 431Nm @ 1800 rpm. Compression ratio: 17.0:1. RAC Rating: 41.0.	Model: ALLISON ATS45. 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: 5.571:1.	Air/Hydraulic. WHEELBASE 4,720mm.

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
	11,000	14,000	8.25R 20-14 ply	2235	1535	3770

DIMENSIONS



LENGTHS

		(mm)
Overall length	OAL	8,130
Wheelbase	WB	4,720
Cab to axle	CA*	4,065
Cab to end of frame	CE*	6,200
Front overhang	FOH	1,275
Rear overhang	ROH	2,135
Bumper to back of cab	BBC	1,930

WIDTHS

		(mm)
Overall width	OAW	2,190
Frame width	FW	800
Front track	FT	1,790
Rear track	RT	1,630
Outside width rear tyres	OWRT	2,160

HEIGHTS

		(mm)
Overall height	OAH	2,470
Ground to top of frame	FH	940
Rear axle clearance	AH	260

TURNING CIRCLE

	(m)
Kerb to kerb	18.9
Wall to wall	19.2

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

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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: 5.571:1.
Final Gear: 365 mm diameter Hypoid.

BRAKES, SERVICE

Type: Air over hydraulic, dual circuit, front two leading, rear dual two leading.
Total lining area: 3,792 cm².
Brake drum diameter: Fr. 400mm. Rr. 410mm.

BRAKE, PARKING

Type: Spring brake acting on rear wheels.

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 with 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 for 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 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 125mm.
Displacement: 6494cc.
Max. Power: 120kW @ 2900 rpm.
Max. Torque: 431 Nm @ 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 litres.

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: 203 x 64 x 4.5 angle section.
At rear axle: 213 x 64 x 3.2 channel section.

STEERING

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

SUSPENSION, FRONT

Type: Semi elliptical, alloy steel leaf springs.
Size: 1350 x 70 x 11mm x 1 leaf.
1350 x 70 x 12mm x 6 leaves.
Shock Absorbers: Hydraulic, double acting, telescopic.

SUSPENSION, REAR

Type: Semi elliptical, alloy steel leaf springs.
Size: main - 1300 x 70 x 12mm x 8 leaves.
auxiliary - 850 x 70 x 11mm x 2 leaves
850 x 70 x 12mm x 5 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 & WHEELS

Tyre size: 8.25R 20 - 14 ply.
Wheel type and size: 6.50T x 20, 8 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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