



ISUZU FSR 12 FRA (20" WHEEL)

STANDARD GVM 10,500 kg

STANDARD GCM 16,000 kg

ORDERING CODE: 8EC02 KERB MASS (estimated) 3,530 kg

DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BGI Type: Six cylinder OHV diesel. Bore & Stroke: 105mm x 125mm. Displacement: 6494cc. Max Power: 120kW @ 2900 rpm. Max Torque: 431Nm @ 1800 rpm. Compression ratio: 170:1. RAC Rating: 41.0.	Model: ISUZU MBG6P Type: 6-speed overdrive. Gear ratios (to 1). 1st: 6.378 2nd: 3.627 3rd: 2.239 4th: 1.452 5th: 1.000 6th: 0.787 Rev: 5.835	AXLE, FRONT Type: Reverse Elliot I beam. Capacity: 3400 kg. AXLE, REAR Type: Banjo, fully floating. Capacity: 7700 kg. Ratio: 6.143:1.	Air/Hydraulic.
			WHEELBASE
			3650mm.

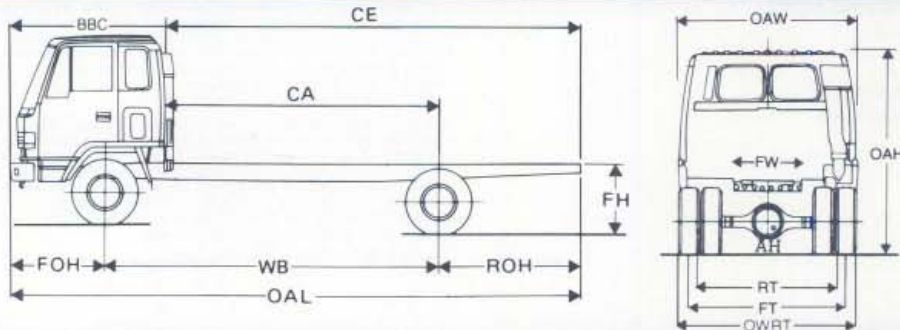
CHASSIS RATINGS

GROSS VEHICLE and GROSS COMBINATION MASS RATING

ESTIMATED KERB MASS (chassis and cab with oil, water and full fuel tank.) (kg)

	GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
STD	10,500	16,000	8.25 x 20 - 12 ply	2105	1425	3530
OPT	11,000		8.25R 20 - 14 ply			

DIMENSIONS



LENGTHS

	(mm)
Overall length	OAL 6530
Wheelbase	WB 3650
Cab to axle	CA* 2995
Cab to end of frame	CE* 4600
Front overhang	FOH 1275
Rear overhang	ROH 1605
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 1790
Rear track	RT 1630
Outside width rear tyres	OWRT 2160

HEIGHTS

	(mm)
Overall height	OAH 2470
Ground to top of frame	FH 905
Rear axle clearance	AH 260

TURNING CIRCLE

	(m)
Kerb to kerb	13.3
Wall to wall	14.4

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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: 6.143:1.
Final Gear: 365mm diameter, Hypoid.

BRAKES, SERVICE

Type: Air over hydraulic, dual circuit, front two leading, rear dual two leading.
Total lining area: 3792 cm².
Brake drum diameter: Fr 400mm, Rr 410mm.

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 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, exhaust brake on 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, water separator warning, oil filter warning. Left side combination switch for exhaust brake, wiper and washer. Hazard warning switch. Fog lamp switch. Right combination switch for headlamps, turn signal and headlamp dip. Key operation auto engine stop.

CLUTCH

Type: Hydraulic control. Dry single plate with cushioning springs.
Size: 325mm dia.

ENGINE SPECIFICATION

Type: 6 cylinder OHV diesel.
Bore and 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.

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
Radiator type: Tube and corrugated fin.
Size: 559 x 622 x 53mm.
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: 160 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: 203 x 64 x 4.5mm angle section.
At rear axle: 213 x 64 x 3.2mm 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

Model: ISUZU MBG6P
Type: 6-speed overdrive.
Gear ratios (to 1).
1st: 6.378 2nd: 3.627 3rd: 2.239
4th: 1.452 5th: 1.000 6th: 0.787
Rev: 5.835

TYRES AND WHEELS

Tyre size: 8.25 20 - 12 ply.
Wheel type and size: 6.50 T 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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