



ISUZU CVR 16F

CHASSIS/CAB, SINGLE DRIVE

STANDARD GVM 14200 kg

STANDARD GCM 32000 kg

ORDERING CODE: 8DC03 KERB MASS (estimated) 6335 kg

DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES																																
<p>Model: Isuzu 6RA1T Type: Six cylinder in-line, 4 cycle, overhead valve, direct injection turbocharged diesel. Bore and Stroke: 135mm x 140mm. Displacement: 12023cm³. Max Net Power: DIN 190kW @ 2300rpm Max Net Torque: Din 965Nm @ 1300rpm. Compression Ratio: 15.5:1. RAC Rating: 678.</p>	<p>Type: Fuller RTO 11613, 13 speed with overdrive.</p> <p>Ratios to 1.</p> <table border="1"> <tr><td>Low:</td><td>12.56</td><td>6thO/D:</td><td>1.60</td></tr> <tr><td>1st:</td><td>8.32</td><td>7th:</td><td>1.34</td></tr> <tr><td>2nd:</td><td>6.18</td><td>7thO/D:</td><td>1.17</td></tr> <tr><td>3rd:</td><td>4.54</td><td>8th:</td><td>1.00</td></tr> <tr><td>4th:</td><td>3.38</td><td>8thO/D:</td><td>0.87</td></tr> <tr><td>5th:</td><td>2.46</td><td>Rev:</td><td>3.89</td></tr> <tr><td>5thO/D:</td><td>2.15</td><td>LowRev:</td><td>13.13</td></tr> <tr><td>6th:</td><td>1.83</td><td></td><td></td></tr> </table>	Low:	12.56	6thO/D:	1.60	1st:	8.32	7th:	1.34	2nd:	6.18	7thO/D:	1.17	3rd:	4.54	8th:	1.00	4th:	3.38	8thO/D:	0.87	5th:	2.46	Rev:	3.89	5thO/D:	2.15	LowRev:	13.13	6th:	1.83			<p>AXLE, FRONT Type: Reverse Elliot I Beam. Capacity: 5500kg each axle. 11,000kg total.</p> <p>AXLE, REAR Capacity: 13,000kg. Type Single reduction. Banjo. Final Gear Ratio: 4.875:1</p> <p>BRAKES Dual circuit full air, front and rear trailing "S" - Cam.</p> <p>WHEELBASE 3700 mm</p>
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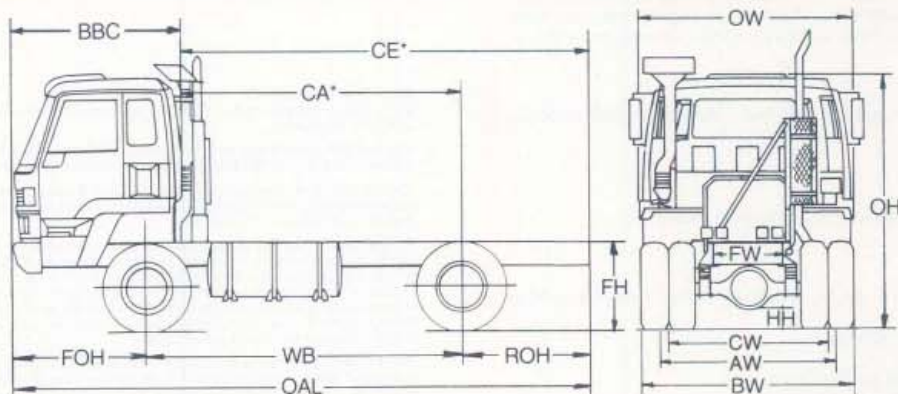
CHASSIS RATINGS

GROSS VEHICLE and GROSS COMBINATION MASS RATING

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

GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
STD 14200	32000	10.00x20 (14 ply) front	4292	2043	6335
OPT 14930		10.00 x 20 (12 ply) rear Opt. 10.00R x 20 (14 ply)			

DIMENSIONS



LENGTHS

	(mm)
Wheelbase	WB 3700
Front overhang	FOH 1460
Rear overhang	ROH 1415
Bumper to back of cab	BBC 2030
Cab to axle	CA* 3130
Cab to end of frame	CE* 4545
Overall length	OAL 6575

*CE & CA dimensions are effectively reduced by 424mm with fitment of vertical muffler.

WIDTHS

	(mm)
Frame width (rear)	FW 850
Front track	AW 2050
Rear track	CW 1855
Outside rear track	BW 2475
Overall width	OW 2490

HEIGHT

	(mm)
Overall cab height	OH 2960 (approx.)
Rear axle clearance	HH 240
Frame height (approx.)	FH 1130

TURNING CIRCLE

	(m)
Kerb to kerb	13.0
Wall to wall	15.0

ISUZU CVR 16F

CHASSIS/CAB, SINGLE DRIVE SPECIFICATIONS

AXLE FRONT

Capacity: 5500kg.
Type: Reverse Elliot I Beam.

AXLE REAR

Capacity: 13,000kg.
Type Single reduction. Banjo, fully floating. Hypoid gear 470mm dia.
Final Gear Ratio: 4.875:1

BRAKES, SERVICE

Dual circuit full air, front and rear leading - trailing "S" - Cam.
Exhaust brake. Air tank auto drain cock and L.S.P.V.
Lining area: Front 2008cm² Rear 2584cm².
Total 4592cm².

PARK BRAKE

Type: Spring/air at rear wheels.

CABIN

EXTERIOR

All steel "sleeper" cab with manual tilt and full-float cab suspension. Laminated windscreen and safety glass side and rear windows. Two speed and intermittent windshield wipers and washer. West Coast type rear view mirrors. Two stage entry step. Dual headlamps. Combination rear lamps. Lifting type spare wheel carrier. General hand tools and hydraulic jack. Tyre inflator. Fog lamps. Optional Equipment: Automatic cab tilt.

INTERIOR

Telescopic tilt steering column. Multi-adjustable driver's air suspension seat: forward, aft, recline and suspension tension. Retracting seat belts. Large centre storage compartment. Overhead parcel shelf. Sleeper mattress and curtain. Ashtray. Sun visors. Cigar lighter. Dash, floor and cab roof ventilation points. Three speed fan and heater/demister. AM radio. Dual tone air horn. Optional Equipment: Integrated air conditioning.

INSTRUMENTS

Combination stalk control for turn signal, and headlamp dimmer, hazard warning flasher. Left hand stalk for windshield washer and wiper and exhaust brake. GAUGES speedometer, tachometer, dual air pressure, water temperature, oil pressure, fuel level, voltage. INDICATOR LAMPS for turn signal, exhaust brake, high beam, spring brake and parking brake. WARNING LAMPS for battery charge, water level, air cleaner, fuel sediment, engine overheat, low air pressure, exhaust temperature, oil pressure, engine over-run, stop and tail lamp failure. Audible warning buzzer for engine over-run and exhaust temperature.

CLUTCH

Spicer twin plate angle spring 350mm diameter hydraulically operated.
Model AS2-1402

DRIVE LINE

Type: Tubular shafts, needle bearing universal joints.

ENGINE

Model: Isuzu 6RA1T.
Type: Six cylinder in-line, 4 cycle, overhead valve, direct injection turbocharged diesel.
Bore and Stroke: 135mm x 140mm.
Displacement: 12023cm³.
Max Net Power: DIN 190kW @ 2300rpm
Max Net Torque: DIN 965Nm @ 1300rpm.
Compression Ratio: 15.5:1.
RAC Rating: 678.

YOUR GMH ISUZU DEALER

ENGINE LUBRICATION

Type: Pressure feed with full flow paper element and partial flow type depth type oil filter. Oil cooler. Restriction warning indicator.
Capacity: 28 litres including filter.

ENGINE COOLING

Fan Type: 7 blade plastic fan, 650mm diameter.
Heavy Duty Radiator: 700x691x88mm tube and corrugated fin with sub tank.
Frontal area: 4837cm².
Corrosion Resistor.

AIR CLEANER

Donaldson paper element, vertical air intake system.
Model FTG15 with Pre Air Cleaner.

FUEL SYSTEM

Injection pump: Diesel Kiki in-line P-type with all speed governor.
Pre fuel filter.
Fuel tank Capacity: 418 litres.

ELECTRICAL SYSTEM

Alternator: 24 volt-40 amp.
Batteries: 2 x 12volt, 150 amp hr each battery. Negative earth.
Starter: 24 volt, 74kW output.

FRAME

Type: Ladder type construction with channel section side members.
Width: 850mm.
Side Member dimensions: 285x85x7mm.

STEERING

Type: Recirculating ball with Integral Power Assist.

SUSPENSION FRONT

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x width - number of leaves: 1450x80mm - 9.
Shock Absorbers: Hydraulic double acting telescopic.

SUSPENSION REAR

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x width - number of leaves: 1420x100mm - 7.

TRANSMISSION

Type: Fuller RTO 11613,
13 speed with overdrive.
Ratios to 1.

Low:	12.56	5th:	2.46	7thO/D:	1.17
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Optional Equipment:
Fuller RT 11609A - 9 speed transmission.

WHEELS & TYRES

Wheel and rims: 750V x 20, 10 stud disc wheels.
Tyres: 10.00 x 20 - 14 ply front and spare, 12 ply rear.
 Optional Equipment: 10.00 R x 20 - 14 ply Radial Tyres.

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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* Not with optional 9 speed transmission.



Reliability is everything.