



Isuzu CXG 166T



Chassis/cab, twin steer, single drive.
GVM 18,500kg – GCM 32,000kg with 10.00 x 20 – 12 ply tyres

Engine:

Model: Isuzu 6RAIT.
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 @ 2300 rpm.
Max. Torque: Din 965Nm @ 1300 rpm.
Compression Ratio: 15.5:1.
RAC Rating: 67.8.

Air Cleaner:

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

Axle Front:

Capacity: 5500kg each axle. 11,000kg total.
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 trailing "S" – Cam.
Exhaust brake. Air tank auto drain cock.
Total lining area 6418cm².

Park Brake:

Type: Spring/air at rear wheels.

Clutch:

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

Drive Line:

Type: Tubular shafts, needle bearing universal joints.

Electrical System:

Alternator: 24 volt – 40 amp.
Batteries: 2 x 12 volt, 150 amp hr each battery. Negative earth.
Starter: 24 volt, 7.4kW output.

Frame:

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

Suspension Front:

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x width – number of leaves: 1450 x 80mm – 9.
Shock Absorbers: Hydraulic double acting telescopic.

Suspension Rear:

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x width – number of leaves: 1420 x 100mm – 8.

Steering:

Type: Recirculating ball with power assist.
Steering wheel diameter 503mm.

Engine Lubrication:

Type: Pressure feed with full flow paper element and partial flow type depth type oil filter. Oil Cooler. Restriction warning indicator.
Capacity: 25 litres including filter.

Engine Cooling:

Fan Type: 7 blade plastic fan, 610mm diameter.
Heavy Duty Radiator: 700x691x88mm tube and corrugated fin with sub tank.
Frontal area: 4837cm².
Corrosion Resistor.

Fuel System:

Injection pump: Diesel Kiki in-line P type with all speed governor.
Pre fuel filter.
Fuel tank capacity: 430 litres.

Transmission:

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

Low:	12.56	5th:	2.46	7thO/D:	1.17
1st:	8.32	5thO/D:	2.15	8th:	1.00
2nd:	6.18	6th:	1.83	8thO/D:	0.87
3rd:	4.54	6thO/D:	1.60	Rev:	3.89
4th:	3.38	7th:	1.34	LowRev:	13.13

Optional Equipment: Fuller RT 11609A – 9 speed transmission.

Wheels & Tyres:

Wheel and rims: 7.50V x 20 10 stud disc wheels.
Tyres: 10.00 x 20 – 12 ply.
Spare wheel and tyre on lifting type carrier.
 Optional Equipment: Radial Ply Tyres 10.00R x 20 – 14 ply.

Standard Equipment:

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.
 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 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. Speedometer, tachometer, gauges for dual air pressure, water temperature oil pressure, fuel level, voltage. Indicators for turn signal, exhaust brake, high beam, spring brake and parking brake. Warning lights 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.

GMH 12/20 Warranty.

Every Isuzu is covered by the GMH Warranty which covers your vehicle for the first 12 months or 20,000 kilometres. Major driveline components have an extended warranty. Please consult your GMH/ISUZU dealer for complete details.

* Except with Optional 9 speed transmission.



Reliability is everything.

Isuzu CXG 166T



DIMENSIONS/CHASSIS WEIGHTS

Lengths:		mm
Wheelbase	WB (mean)	4550
1st axle to rear axle	WBO	5400
Front overhang	FOH	2680
Rear overhang	ROH	1975
Bumper to back of cab	BBC	2030
Cab to axle	CA*	5200
Cab to end of frame	CE*	7175
Overall length	OAL	9205

*CE & CA dimensions are effectively reduced by 290mm approx. with fitment of vertical exhaust pipe and protector.

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

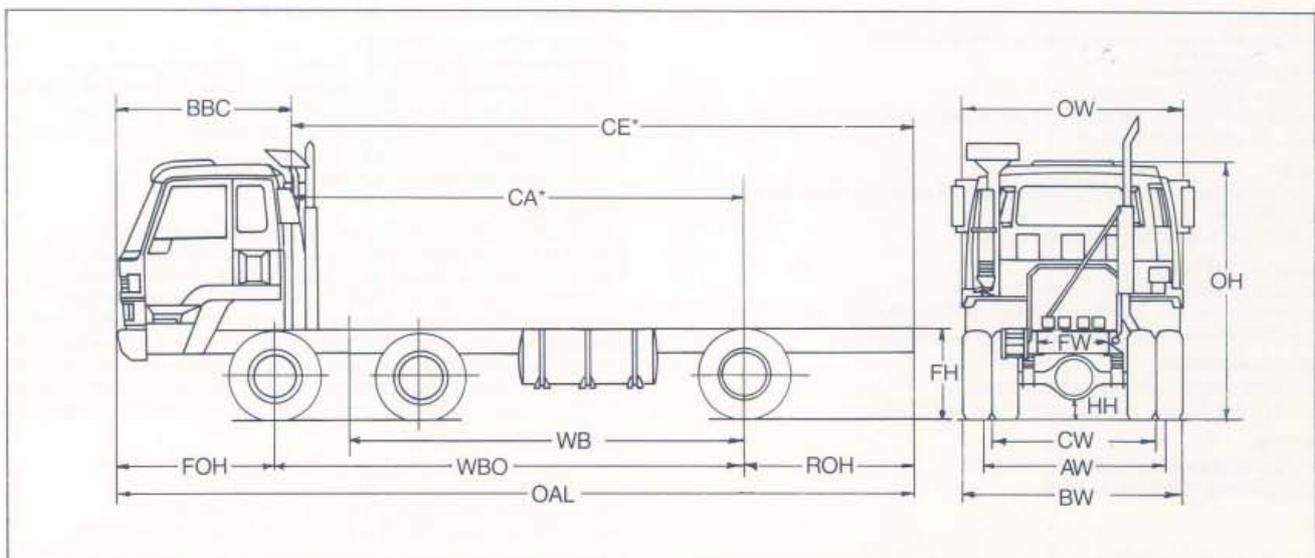
Height:		mm
Overall cab height (approx.)	OH	2960
Rear axle clearance (approx.)	HH	240
Frame height (approx.)	FH	1090

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GROSS VEHICLE AND GROSS COMBINATION MASS RATING (kg)			ESTIMATED KERB WEIGHT, CHASSIS AND CAB: with oil, water and full fuel tank (kg.).		
GVM	GCM	TYRES	Front	Rear	Total
18,500	32,000	10.00 x 20 (12)			7,330