



# ISUZU CXZ 16J

## CHASSIS/CAB, TANDEM DRIVE

STANDARD GVM	23000 kg
STANDARD GCM	38000 kg
KERB MASS (estimated)	7940 kg

ORDERING CODE: 8DD03 & V7A

## DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES																		
<p>Model: ISUZU 6RA1-TC            Type: Six cylinder in line, 4 cycle, overhead valve, direct injection turbocharged diesel with intercooler.            Bore and Stroke: 135 mm x 140 mm            Displacement: 12023 cm<sup>3</sup>            Max. Net Power: (Din) 207kW @ 2300rpm            Max Net Torque: (Din) 1186Nm @ 1200 rpm            Compression Ratio: 16.0:1            RAC Rating: 67.8</p>	<p>Type: Fuller RTO 11613, 13 speed with overdrive.</p> <table border="1"> <tr> <td>Ratios to 1.</td> <td>6thO/D: 1.60</td> </tr> <tr> <td>Low: 12.56</td> <td>7th: 1.34</td> </tr> <tr> <td>1st: 8.32</td> <td>7thO/D: 1.17</td> </tr> <tr> <td>2nd: 6.18</td> <td>8th: 1.00</td> </tr> <tr> <td>3rd: 4.54</td> <td>8thO/D: 0.87</td> </tr> <tr> <td>4th: 3.38</td> <td>Rev: 3.89</td> </tr> <tr> <td>5th: 2.46</td> <td>LowRev: 13.13</td> </tr> <tr> <td>5thO/D: 2.15</td> <td></td> </tr> <tr> <td>6th: 1.83</td> <td></td> </tr> </table>	Ratios to 1.	6thO/D: 1.60	Low: 12.56	7th: 1.34	1st: 8.32	7thO/D: 1.17	2nd: 6.18	8th: 1.00	3rd: 4.54	8thO/D: 0.87	4th: 3.38	Rev: 3.89	5th: 2.46	LowRev: 13.13	5thO/D: 2.15		6th: 1.83		<p><b>AXLE FRONT:</b>            Type: Reverse Elliot I Beam            Capacity: 5500kg  <b>AXLE REAR TANDEM:</b>            Type: Banjo, fully floating.            Capacity: 10,500kg each axle.            21,000kg total.            Final Gear Ratio: 4.875:1</p>
Ratios to 1.	6thO/D: 1.60																			
Low: 12.56	7th: 1.34																			
1st: 8.32	7thO/D: 1.17																			
2nd: 6.18	8th: 1.00																			
3rd: 4.54	8thO/D: 0.87																			
4th: 3.38	Rev: 3.89																			
5th: 2.46	LowRev: 13.13																			
5thO/D: 2.15																				
6th: 1.83																				
		<p><b>BRAKES</b>            Dual circuit full air: front and rear            LINING AREA: Total 7176cm<sup>2</sup></p>																		
		<p><b>WHEELBASE</b>            3850mm (mean)</p>																		

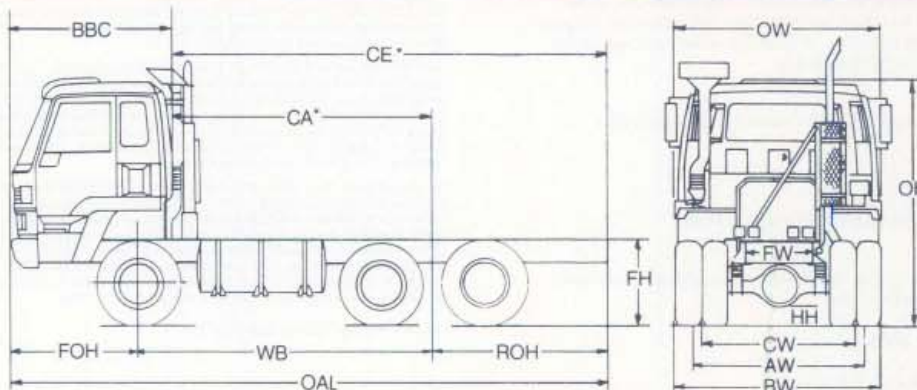
## CHASSIS RATINGS

GROSS COMBINATION and GROSS VEHICLE MASS RATING

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

GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
23000	38000	10.00 x 20 (14 ply) front 10.00 x 20 (12 ply) rear	4400	3540	7940

## DIMENSIONS



### LENGTHS

		(mm)
Overall length	OAL	7290
Wheelbase	WB (mean)	3850
Cab to axle	CA*	3280
Cab to end of frame	CE*	5260
Front overhang	FOH	1460
Rear overhang	ROH	1980
Bumper to back of cab	BBC	2030

### WIDTHS

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

### HEIGHT

		(mm)
Overall cab height (approx.)	OH	2960
Frame height (approx.)	FH	1030
Rear axle clearance (approx.)	HH	255

### TURNING CIRCLE

	(m)
Kerb to kerb	14.0
Wall to wall	16.0

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

# ISUZU CXZ 16J

## CAB/CHASSIS COMPONENT SPECIFICATIONS

### AXLE FRONT

Type: Reverse Elliot I Beam  
Capacity: 5500kg.

### AXLE REAR: TANDEM

Type: Banjo, fully floating. Hypoid Gear 440mm dia.  
Capacity 10,500kg each axle. 21,000kg total  
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.  
Total lining area: 7176cm<sup>2</sup>.

### PARK BRAKE

Type: Spring/air at rear wheels.

### CABIN EXTERIOR

- All steel 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 inflater.  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 seatbelts.  Large centre storage compartment.
- Overhead parcel shelf.  Sleeper mattress and curtain\*.
- Ashtray.  Sun visors.  Cigar lighter.  Dash, floor and cab roof ventilation points.  Two speed fan and heater/demister.  AM radio.  Dual tone air horn.
- Optional Equipment: Integrated air conditioning.

### INSTRUMENTS

- Combination stalk control for turn signal, and drive 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

Type: Six cylinder in line, 4 cycle, overhead valve, direct injection turbocharged diesel with intercooler.  
Model: ISUZU 6RA1-TC  
Bore and Stroke: 135mm x 140mm  
Displacement: 12023cm<sup>3</sup>  
Max. Net Power: DIN 207Kw @ 2300 rpm  
Max. Torque: DIN 1186 Nm @ 1300 rpm  
Compression Ratio: 16:1  
RAC Rating: 678

### ENGINE LUBRICATION

Type: Pressure feed with full flow paper element and partial flow 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: 810 x 691 x 88mm tube and corrugated fin with sub tank.  
Frontal area: 5597 cm<sup>2</sup>  
Corrosion Resistor.

### AIR CLEANER

Donaldson paper element, vertical air intake system. Model FTG 15 with Pre Air Cleaner.

### FUEL SYSTEM

Injection pump: Diesel Kiki in-line P-type with all speed governor and 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 with 6 torque rod links.  
Size: Length x width - number of leaves: 1300x90mm - 8.

### TRANSMISSION

Type: Fuller RTO 11613, 13 speed with overdrive. Ratios to 1.  
Low: 12.56 1st: 8.32 2nd: 6.18 3rd: 4.54 4th: 3.38  
5th: 2.46 5thO/D: 2.15 6th: 1.83 6thO/D: 1.60 7th: 1.34  
7thO/D: 1.17 8th: 1.00 8thO/D: 0.87 Rev: 3.89 LowRev: 13.13  
 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.

PLEASE NOTE: As the policy of General Motors-Holden's is one of continual product improvement, all specifications and equipment are subject to change without notice. Bodies illustrated are not standard.

No GMH dealer or other person is authorised or permitted to give or make any statement assertion or undertaking in relation to the quality performance characteristics descriptions or fitness for any purpose of any GMH product or in connection with the supply of any GMH product which is at variance with any written statement assertion or undertaking on any of these subjects given or made by General Motors-Holden's Limited or General Motors-Holden's Sales Pty. Ltd. in its published sales literature, and neither company accepts any liability for any such unauthorised action.

General Motors-Holden's Limited and General Motors-Holden's Sales Pty. Ltd. have franchised dealers in many parts of Australia for the sale of service parts and the provision of service to owners of GMH's products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts, and are equipped to provide satisfactory service, but neither General Motors-Holden's Limited nor General Motors-Holden's Sales Pty. Ltd. makes any promise, other than that contained in the New Vehicle Warranty given by General Motors-Holden's Sales Pty. Ltd., that such parts or service facilities will be available, or available at any specific location or any particular time.

General Motors-Holden's Sales Pty. Ltd.

\* Not with optional 9 speed transmission.

## YOUR GMH ISUZU DEALER



Reliability is everything.