



# ISUZU JCR 500

GMH MODEL: FTR 12L  
ORDERING CODE: 8DG 02

STANDARD GVM	12850 kg
STANDARD GCM	15000 kg
TARE MASS (estimated)	3955 kg

## DRIVELINE SPECIFICATION

### ENGINE

Model: ISUZU 6BG1  
Type: 6 cylinder OHV diesel  
Displacement: 6494cc  
Max power: 120kW @ 2900 rpm  
Max torque: 431 Nm @ 1800 rpm  
Bore & Stroke 105 x 125mm  
Compression ratio: 170:1  
RAC Rating: 41.0

### TRANSMISSION

Model: ISUZU MBG6R  
Type: 6 speed overdrive  
Gear ratios (to 1)  
1st 6.890  
2nd 3.918  
3rd 2.419  
4th 1.466  
5th 1.000  
6th 0.781  
Rev 6.304

### AXLE, FRONT

Type: Reverse Elliot I beam  
Capacity: 5000 kg

### AXLE, REAR

Type: Banjo fully floating single speed  
Capacity: 9200 kg  
Ratio: 6.5:1

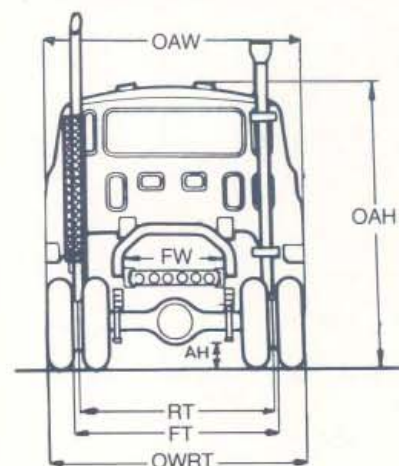
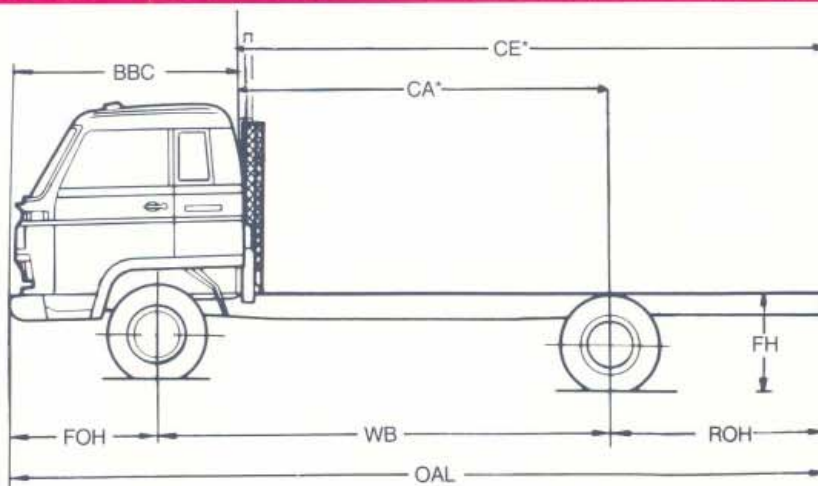
## CHASSIS RATINGS

### GROSS COMBINATION and GROSS VEHICLE MASS RATING:

### Estimated kerb mass (chassis and cab with oil, water and full fuel tank). (KG)

GVM (kg)	GCM (kg)	Tyres	Front	Rear	Total
Standard 12850	15000	9.00 x 20-12ply	2320	1635	3955
Optional 13500		9.00 x 20-14ply			
13500		9.00R x 20-14ply			
13400		10.00 x 20-12ply			
13500		10.00 x 20-14ply			
13500		10.00 x 20-14ply frt, 12ply rear			

## DIMENSIONS



### LENGTHS:

Overall length  
Wheelbase  
Cab to axle  
Cab to end of frame  
Front Overhang  
Rear Overhang  
Bumper to back of cab

	(mm)
OAL	8460
WB	5000
CA*	4350
CE*	6550
FOH	1260
ROH	2200
BBC	1910

### WIDTHS

Overall width  
Frame width  
Front track  
Rear track  
Outside width rear tyres

OAW	2370
FW	800
FT	1920
RT	1740
OWRT	2300

### HEIGHTS

Overall height  
Ground to top of frame  
Rear axle clearance

OAH	2495
FH	1000
AH	265

### TURNING CIRCLE

Kerb to kerb  
Wall to wall

(m)	
17.8	
19.2	

\*CA & CE dimensions are effectively reduced by 300mm with fitment of vertical air intake stack and exhaust



**ISUZU**  
Reliability is everything.



# ISUZU JCR 500

## CAB/CHASSIS COMPONENT SPECIFICATIONS

### AXLE, FRONT

Type: Reverse Elliot I beam  
Capacity: 5000 kg

### AXLE, REAR

Type: Banjo fully floating single speed  
Capacity: 9200 kg  
Ratio: 6.5:1  
Final Gear: 398mm  $\phi$  Hypoid

### BRAKES, SERVICE

Type: Air over hydraulic. Dual circuit. Front two leading rear dual two leading exhaust brake  
Total lining area: 3968cm<sup>2</sup>

### BRAKE, PARKING

Type: Spring brake acting on rear wheels.

### STANDARD CABIN EXTERIOR

All steel tilt cab with laminated windshield. 2 speed windshield wiper/washer with intermittent setting. West-coast type rear view mirrors. Dual round sealed beam headlamps. Fog lamps. Vertical air intake stack. General hand tools and 7000kg capacity jack. Spare wheel and tyre.

### INTERIOR

Adjustable Driver's suspension seat. Adjustable roof vents. Rear side vent windows. Passenger bucket seat and second passenger centre seat which lifts up for coolant and oil check. AM Radio. Heater/demister with 4 speed fan. Driver and passenger sunvisors.

### INSTRUMENTATION

Speedometer and odometer. Tachometer. GAUGES for 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. Left side combination switch for exhaust brake & two speed wipers with intermittent setting. Hazard warning switch. Fog lamp switch. Right combination switch for headlamps, turn signal and headlamp dip. Key operation auto engine stop.

### CLUTCH

Type: Dry single plate with cushioning springs, hydraulic control.  
Size: 350mm diameter

### ENGINE SPECIFICATION

Type: 6 cylinder OHV diesel  
Displacement: 6494cc  
Max. Power: 120 kW @ 2900 rpm  
Max. Torque: 431 Nm @ 1800 rpm  
Bore and Stroke 105 x 125 mm  
Compression ratio: 170:1  
RAC rating: 41.0

YOUR GMH ISUZU DEALER:

### LUBRICATION

Pressure feed with full-flow paper element filter oil cooler.  
Capacity 13.5 litres including filter

### COOLING

Heavy duty radiator. Tube and corrugated fin.  
Size: 622 length x 559 width x 53 depth.(mm)  
Frontal area: 0.348m<sup>2</sup>

### AIR CLEANER

Donaldson cyclopac 11" single stage type. Long vertical air intake stack.

### FUEL SYSTEM

Injection pump: Bosch A in-line with mechanical all speed governor. Fuel/water sedimentor & pre-fuel filter.  
Fuel tank capacity: 200 litre

### ELECTRICAL SYSTEMS

Batteries: 2 x 12 volt 53 A/H  
Alternator: 24 volt — 25 Amp  
Starter: 24 volt — 4.5 kW

### FRAME

Type: Ladder type channel section  
Side member dimensions: depth x width x thickness (mm)  
225 x 70 x 6  
Frame reinforcement: Full length inner channel section  
4.5mm thick

### STEERING

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

### SUSPENSION, FRONT

Type: Semi-elliptical alloy steel leaf springs  
Size: Length x Width(mm) — No leaves  
1300 x 70 — 8  
Shock absorbers: Hydraulic double acting

### SUSPENSION, REAR

Type: Semi-elliptical alloy steel leaf springs with sliding shackle  
Size: Length x Width (mm) — No. of leaves  
1420 x 80 — 9  
Auxiliary: Length x width(mm) — No. leaves  
1000 x 80 — 9

### TRANSMISSION

Type: 6 speed overdrive  
Gear ratios (to 1)  
1st 6.890 2nd 3.918 3rd 2.419 4th 1.466  
5th 1.000 6th 0.781 Rev 6.304

### TYRES AND WHEELS

Tyre size: 9.00 x 20 — 12 ply  
Wheel type and size Z00 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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