



ISUZU JCR 500S CUSTOM

GMH MODEL: FTR 11LT
ORDERING CODE: 8DJ 02

STANDARD GVM 12850 kg
STANDARD GCM 18500 kg
TARE MASS (est) 4055 kg

DRIVELINE SPECIFICATION

ENGINE

Model: ISUZU 6BD1-T
Type: 6 cylinder Turbo charged diesel
Displacement: 5785cc
Max power: 127kW @ 3000 rpm
Max torque: 470 Nm @ 2000 rpm
Bore & Stroke 102 x 118mm
Compression ratio: 170:1
RAC Rating: 38.7

TRANSMISSION

Model: ISUZU MBG 5C
Type: 5 speed direct drive
Gear ratios (to 1)

1st	6.890
2nd	3.918
3rd	2.419
4th	1.569
5th	1.000
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: 5.471/6.937 :1

BRAKES:

Air over hydraulic

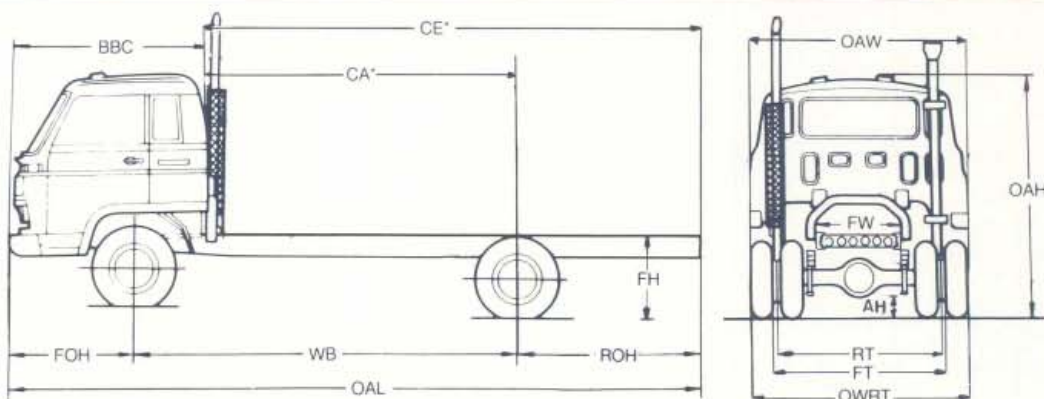
WHEELBASE:

5000mm

CHASSIS RATINGS

GROSS COMBINATION and GROSS VEHICLE MASS RATING			Estimated kerb mass (chassis and cab with oil, water and full fuel tank).		
GVM (kg)	GCM (kg)	Tyres	Front	Rear	Total
Std 12850	18500	9.00 x 20-12ply	2365	1690	4055
Opt 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 10.00 x 20-14ply			

DIMENSIONS



LENGTHS:

		(mm)
Overall length	OAL	8460
Wheelbase	WB	5000
Cab to axle	CA*	4350
Cab to end of frame	CE*	6550
Front Overhang	FOH	1260
Rear Overhang	ROH	2200
Bumper to back of cab	BBC	1910

WIDTHS

		(mm)
Overall width	OAW	2370
Frame width	FW	800
Front track	FT	1920
Rear track	RT	1740
Outside width rear tyres	OWRT	2300

HEIGHTS

		(mm)
Overall height	OAH	2495
Ground to top of frame	FH	1000
Axle clearance	AH	265

TURNING CIRCLE

	(m)
Kerb to kerb	17.8
Wall to wall	19.2

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



ISUZU
Reliability is everything.

ISUZU JCR 500S CUSTOM

CAB/CHASSIS COMPONENT SPECIFICATIONS

AXLE, FRONT

Type: Reverse Elliot I beam
Capacity: 5000 kg

AXLE, REAR

Type: Banjo fully floating 2 speed
Capacity: 9200 kg
Ratio: 5.471/6.937:1
Final Gear: 267mm ϕ Hypoid

BRAKES, SERVICE

Type: Air over hydraulic. Dual circuit. Front two leading rear dual two leading, exhaust brake
Total lining area: 3968cm²

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. Foglamps. Vertical air intake stack. General hand tools and 7000kg capacity jack. Spare wheel and tyre.

INTERIOR

Custom cab interior. Adjustable driver's suspension seat with adjustable lumbar support. Tilt telescopic adjustable steering wheel. 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. Suspended roof lining.

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 turbo charged diesel
Displacement: 5785cc
Max. Power: 127 kW @ 3000 rpm
Max. Torque: 470 Nm @ 2000 rpm
Bore and Stroke 102 x 118 mm
Compression ratio: 170:1
RAC rating: 38.7

YOUR GMH ISUZU DEALER:

LUBRICATION

Pressure feed with full-flow paper element filter & partial filter, oil cooler.

Capacity 175 litres including filters.

COOLING

Heavy duty radiator. Tube and corrugated fin.

Size: 622 length x 559 width x 53 depth. (mm)

Frontal area: 0.348m²

AIR CLEANER

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

FUEL SYSTEM

Injection pump Bosch λ 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. of 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. of leaves

1000 x 80 — 9

TRANSMISSION

Type: 5 speed direct drive

Gear ratios (to 1)

1st 6.890 2nd 3.918 3rd 2.419 4th 1.569

5th 1.000 Rev 6.304

TYRES AND WHEELS

Tyre size: 9.00 x 20 — 12 ply

Wheel type and size 700T x 20, 8 stud disc wheels

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.

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