



ISUZU JCR 360

GMH MODEL: FTR 12F
ORDERING CODE: 8DK 02

STANDARD GVM 12850 kg
STANDARD GCM 22500 kg
TARE MASS (estimated) 3855 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: 17.0:1
 RAC Rating: 41.0

TRANSMISSION

Model: ISUZU MBG5F
 Type: 5 speed direct drive
 Gear ratios (to 1)

1st	6.890
2nd	3.918
3rd	2.121
4th	1.165
5th	1.000
Rev	5.411

AXLE, FRONT

Type: Reverse Elliot I beam
 Capacity: 5000 kg

AXLE, REAR

Type: Banjo fully floating EATON
 2 speed
 Capacity: 10500 kg
 Ratio: 5.571/7.593

BRAKES

Air over hydraulic

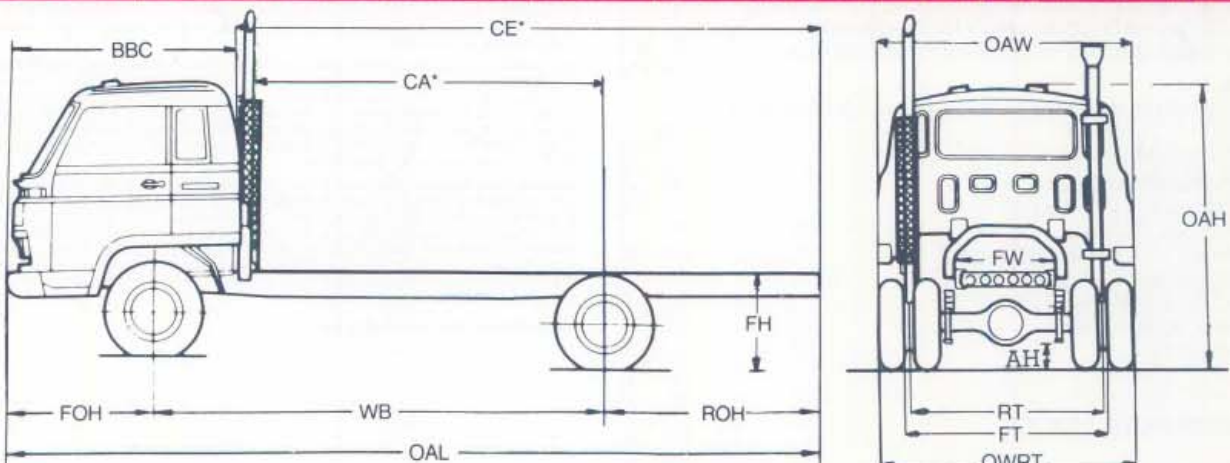
WHEELBASE

3600mm

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
STD 12850	22500	9.00 x 20-12ply	2275	1580	3855
OPT 13500		9.00 x 20-14ply			
13500		9.00R x 20-14ply			
13400		10.00 x 20-2ply			
13500		10.00 x 20-14ply frt, 12ply rear			
13500		10.00 x 20-14ply			
Optional rear lug tread tyres are available.					

DIMENSIONS



LENGTHS:

		(mm)
Overall length	OAL	6360
Wheelbase	WB	3600
Cab to axle	CA*	2950
Cab to end of frame	CE*	4450
Front Overhang	FOH	1260
Rear Overhang	ROH	1500
Bumper to back of cab	BBC	1910

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

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

Overall height	OAH	2495
Ground to top of frame	FH	1000
Rear axle clearance	AH	265

TURNING CIRCLE

	(m)
Kerb to kerb	13.4
Wall to wall	14.8



ISUZU

Reliability is everything.

ISUZU JCR 360

CAB/CHASSIS COMPONENT SPECIFICATIONS

AXLE, FRONT

Type: Reverse Elliot I beam
Capacity: 5000 kg

AXLE, REAR

Type: Banjo fully floating EATON 2 speed
Capacity: 10500 kg
Ratio: 5.571/7.593
Final Gear: 420mm ϕ

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.

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

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.

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Max. Torque: 431 Nm @ 1800 rpm
Bore and Stroke 105 x 125 mm
Compression ratio: 17.0:1
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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: 0.348m²

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: 160 litre

ELECTRICAL SYSTEMS

Batteries: 2 x 12 Volt 53 A/H

Alternator: 24 Volt—40 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 — 7

Auxiliary: Length x width (mm) — No. leaves

1000 x 80 — 9

TRANSMISSION

Type: 5 speed direct drive

Gear ratios (to 1)

1st 6.890 2nd 3.918 3rd 2.121 4th 1.165

5th 1.000 Rev 5.411

TYRES AND WHEELS

Tyre size: 9.00 x 20 — 12 ply

Wheel type and size 700 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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