



# ISUZU FSR 11 KTRA (20" WHEEL) TURBO

STANDARD GVM 11,000 kg

STANDARD GCM 16,000 kg

ORDERING CODE: 8EG02 & LK8 KERB MASS (estimated) 3,755 kg

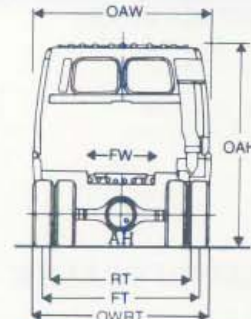
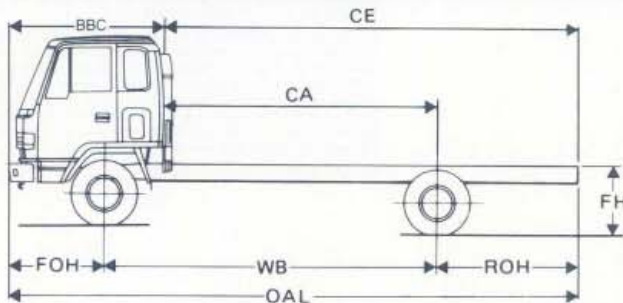
## DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BD1-T Type: Six cylinder Turbo-charged diesel. Bore & Stroke: 102 x 118mm. Displacement: 5785cc. Max Power: 127kW @ 3000 rpm. Max Torque: 470Nm @ 2000 rpm. Compression ratio: 170:1. RAC Rating: 38.7	Model: ISUZU MBG5C. 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	<b>AXLE, FRONT.</b> Type: Reverse Elliot I beam. Capacity: 3,400 kg. <b>AXLE, REAR.</b> Type: Banjo, fully floating. Capacity: 7,700 kg. Ratio: 5.571:1.	Air/Hydraulic.   <b>WHEELBASE</b> 4,720mm.

## CHASSIS RATINGS

GROSS VEHICLE and GROSS COMBINATION MASS RATING			ESTIMATED KERB MASS (chassis and cab with oil, water and full fuel tank.) (kg)			
STD	GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
	11,000	16,000	8.25R 20-14 ply	2,240	1,515	3,755

## DIMENSIONS



### LENGTHS

		(mm)
Overall length	OAL	8,130
Wheelbase	WB	4,720
Cab to axle	CA*	4,065
Cab to end of frame	CE*	6,200
Front overhang	FOH	1,275
Rear overhang	ROH	2,135
Bumper to back of cab	BBC	1,930

\*CE & CA dimensions are effectively reduced by 300mm with fitment of vertical exhaust pipe.

### WIDTHS

		(mm)
Overall width	OAW	2,190
Frame width	FW	800
Front track	FT	1,790
Rear track	RT	1,630
Outside width rear tyres	OWRT	2,160

### HEIGHTS

		(mm)
Overall height	OAH	2,470
Ground to top of frame	FH	940
Rear axle clearance	AH	260

### TURNING CIRCLE

	(m)
Kerb to kerb	18.9
Wall to wall	19.2



# ISUZU FSR 11 KTRA (20" WHEEL) TURBO

## CAB/CHASSIS COMPONENT SPECIFICATIONS

### AXLE FRONT

Type: Reverse Elliot I beam.  
Capacity: 3400 kg.

### AXLE REAR

Type: Banjo, fully floating.  
Capacity: 7700 kg.  
Ratio: 5.571:1.  
Final Gear: 365mm diameter Hypoid.

### BRAKES, SERVICE

Type: Air over hydraulic dual circuit, front two leading, rear dual two leading.  
Total lining area: 3,792 cm<sup>2</sup>.  
Brake drum diameter: Fr 400mm. Rr 410mm.

### BRAKE, PARKING

Type: Spring brake acting on rear wheels.

### BRAKE, AUXILIARY

Exhaust brake.

### CABIN

#### EXTERIOR

- All steel tilt cab.  Laminated windshield.  2 speed wiper with intermittent function/washer.  West Coast type rear view mirrors.  Dual square halogen headlamps.  Fog lamps.
- Vertical air intake stack.  Tool kit and 7000 kg capacity jack.
- Spare wheel and tyre.

#### INTERIOR

- Seats: Driver - Air suspension, reclining with seat slide, height control and lumbar support. Centre - Folding with tray. LH - Reclining.  Tilt-telescopic steering.  Side vent windows.  AM radio.  Heater/Demister with 4 speed fan.  Driver and passenger sunvisors.  Moulded roof lining.  Overhead shelf.

#### INSTRUMENTATION

- GAUGES for speedometer with odometer, tachometer, 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, stop/tail light warning, water separator warning, oil filter warning.
- Left side combination switch for exhaust brake, wipers and washer.
- Hazard warning switch.  Fog lamp switch.  Right combination switch for headlamps, turn signal and headlamp dip.  Key operation auto engine stop.

#### CLUTCH

Type: Hydraulic control. Dry single plate with cushioning springs.  
Size: 325mm dia.

#### ENGINE SPECIFICATION

Type: 6 cylinder Turbo-charged diesel.  
Bore and Stroke: 102 x 118mm.  
Displacement: 5785cc.  
Max. Power: 127kW @ 3000 rpm.  
Max. Torque: 470 Nm @ 2000 rpm.  
Compression ratio: 170:1.  
RAC rating: 38.7.

#### LUBRICATION

Pressure feed with full flow paper element filter and partial filter, oil cooler.  
Capacity: 16.5 litre, including filters.

#### COOLING

6 blade fan with clutch  
Size: 475 mm diameter  
Radiator type: Tube and corrugated fin.  
Size: 559 x 622 x 53mm.  
Frontal area: 0.348m<sup>2</sup> with bell mouth fan guide.

#### AIR CLEANER

Paper element, Donaldson 11" type. Vertical air intake stack.

#### FUEL SYSTEM

Injection pump: In line plunger, Bosch 'X' type, with mechanical all-speed governor.  
Fuel tank capacity: 200 litres.

#### ELECTRICAL SYSTEM

Batteries: 2 x 12V 53A/H.  
Alternator: 24V - 40A.  
Starter: 24V - 4.5kW.

#### FRAME

Type: Ladder type channel section.  
Side member dimensions: 225 x 70 x 6mm.  
Frame reinforcement: At cab back: 203 x 64 x 4.5 angle section.  
At rear axle: 213 x 64 x 3.2 channel section.

#### STEERING

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

#### SUSPENSION, FRONT

Type: Semi elliptical, alloy steel leaf springs.  
Size: 1350 x 70 x 11mm x 1 leaf.  
1350 x 70 x 12mm x 6 leaves.  
Shock Absorbers: Hydraulic, double acting, telescopic.

#### SUSPENSION, REAR

Type: Semi elliptical, alloy steel leaf springs.  
Size: main - 1300 x 70 x 12mm x 8 leaves.  
auxiliary - 850 x 70 x 11mm x 2 leaves  
850 x 70 x 12mm x 5 leaves

#### TRANSMISSION

Type: ISUZU 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 & WHEELS

Tyre size: 8.25R 20 - 14 ply.  
Wheel type and size: 6.50T 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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