

KS21

# ISUZU KS21 CHASSIS/CAB



**GVM 5791 kg (12767 lbs.) GCM 7099 kg (15650 lbs.) WITH 7.00 x 16 — 10 PLY TYRES**

#### ENGINE:

Model: Isuzu 4BB 1 diesel engine.  
Type: 4-cycle overhead valve, in-line direct injection.  
Number of cylinders: 4.  
Bore and stroke: 102 mm (4.02 ins.) x 110 mm (4.33 ins.).  
Displacement: 3595 cm<sup>3</sup> (219.4 cu. ins.).  
Max. net horsepower: DIN 91.2 bhp (68 kW) @ 3400 rpm.  
Max. net torque: 235 Nm (DIN 173.6 lbs./ft.) @ 2000 rpm.  
Compression ratio: 17.5:1.  
RAC rating: 25.81.

#### ENGINE LUBRICATION:

Type: Pressure feed with full flow, paper type oil filter.  
Capacity: 8 litres (14.1 Imp. pts.).

#### FUEL SYSTEM:

Injection pump: Reformed Bosch in-line with mechanical governor.  
Fuel tank capacity: 18.7 Imp. gals. (85 litres).

#### AIR CLEANER:

Paper element with cyclone device.

#### AXLE, FRONT:

Capacity: 2000 kg (4409 lbs.).  
Type: Reverse Elliott T Beam.

#### AXLE, REAR:

Capacity: 5000 kg (11023 lbs.).  
Type: Single reduction, banjo, full floating hypoid.  
Axle ratio: 5.857:1, (7/41).

#### BRAKES, SERVICE:

Type: Hydraulic with vacuum assist. Dual two leading.  
Total lining area: 1760 cm<sup>2</sup> (272.8 sq. ins.).

#### BRAKE, HAND:

Type: Mechanical expanding type at rear of transmission.

#### CLUTCH:

Type: Hydraulically operated, dry single plate with cushioning spring.  
Size, outside diameter: 260 mm (10.2 ins.).  
Total frictional area: 608 cm<sup>2</sup> (94.2 sq. ins.).

#### COOLING SYSTEM:

Radiator: Pressure type, tube and corrugated fin. Frontal area 2450 cm<sup>2</sup>.

#### DRIVE LINE:

Tubular shaft, needle bearing universal joint. 2 shaft with centre bearing.

#### ELECTRIC SYSTEM:

Battery: 2 x 12 volt, 65 amp. hr. each battery. Neg. earth.  
Alternator: 24 volt, 15 amp.  
Starter: 24 volt.

#### FRAME:

Ladder type with channel section side members and 7 cross members.  
Width: Front 32.28 ins. (820 mm). Rear 29.13 ins. (740 mm).  
Dimensions: 170 mm (6.7 ins.) x 70 mm (2.8 ins.) x 4.5 mm (0.18 ins.).

#### SPRINGS:

Type: Semi-elliptic, alloy steel leaf springs.  
Size: Length x width — No. of leaves — capacity at ground.  
Front 1140 mm (44.9 ins.) x 60 mm (2.4 ins.) — 8 — 1280 kg.  
Rear: 1300 mm (51.2 ins.) x 70 mm (2.8 ins.) — 7 — 3440 kg.  
Rear auxiliary: 850 mm (33.5 ins.) x 70 mm (2.8 ins.) — 5.  
Shock absorbers: Front and rear, double acting hydraulic telescopic.

*Body shown is not standard equipment.*

#### STEERING:

Type: Recirculating ball.  
Ratio: 22.8:1.  
Wheel diameter: 450 mm (17.7 ins.).

#### TRANSMISSION:

Type: Model MSA. 5-speed overdrive, floor mounted, synchromesh on 1st, 2nd, 3rd, 4th and 5th — Provision for P.T.O.

#### Ratios (to 1):

1st	2nd	3rd	4th	5th	Reverse
5.765	2.977	1.732	Direct	0.767	5.909

#### WHEELS AND TYRES:

Tyres: 7.00 x 16 — 10 ply.  
Wheels and rims: 7/5.50F x 16, 5 stud.  
Spare wheel, tyre and lifting-type carrier.

#### STANDARD EQUIPMENT:

All steel cab with safety glass windows. Bucket type adjustable driver's seat. Ventilation system. Laminated windscreen. Two-speed windscreen wipers. Windscreen washers. Kilometre speedometer/odometer. Oil pressure, charging and parking brake warning lights. High beam and turn signal indicator lights. Fuel and water temperature gauges. Reversing lamps. General hand tools. Hydraulic jack and tools. One towing hook each at front and rear. Lifting type spare carrier, wheel and tyre. Ash tray, glove compartment, parcel shelf. Internal and external rear vision mirrors. Fuel shut-off device. Frame mounted tool box. Two-speed heater/demister. A.M. Radio. Cigar Lighter. Reversing warning buzzer.

#### GMH 12/20 WARRANTY:

Every Isuzu is protected by the GMH Warranty which covers your vehicle for the first 12 months or 20,000 kilometres.

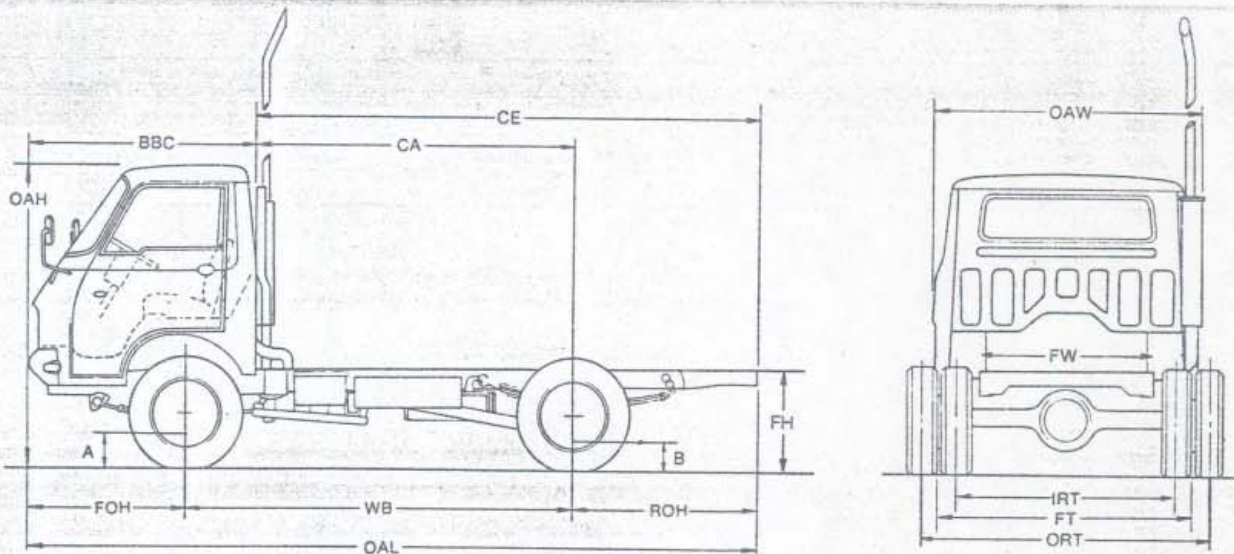
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**TRUCKPOWER.**  
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# ISUZU KS21 CHASSIS/CAB

## DIMENSIONS/CHASSIS WEIGHTS



### LENGTHS:

		mm	(inches)
Wheelbase	WB	3280	(129.13)
Front overhang	FOH	1025	(40.35)
Rear overhang	ROH	1545	(60.83)
Bumper — back of cab	BBC	1480	(58.27)
Cab — axle	CA	2825*	(111.22)
Cab to end of frame	CE	4370*	(172.00)
Overall length	OAL	5850	(230.31)

\*CA and CE dimensions are effectively reduced by 125 mm (4.92 ins.) with fitment of vertical exhaust pipe and protector.

### WIDTHS:

		mm	(inches)
Frame width (rear)	FW	740	(29.13)
Front track	FT	1515	(59.64)
Inside rear track	IRT	1255	(49.41)
Outside rear track	ORT	1685	(66.34)
Overall width	OAW	1845	(72.64)

### HEIGHTS:

		mm	(inches)
Overall height	OAH	2065	(81.30)
Front axle clearance	A	195	(7.70)
Rear axle clearance	B	195	(7.70)
Frame height (approx.) @ CL axle	FH	730	(28.74)

### TURNING CIRCLE:

	metres	(feet)
Kerb to kerb	13.0	(42.6)
Wall to wall	14.2	(46.6)

### WEIGHT DISTRIBUTION:

	Front Axle	Rear Axle	Totals
Chassis			
Share of Body & Payload			
Options			
Totals			
Manufacturer's Rating			
Legal Allowances			
Manufacturer's G.V.M. Rating			
Actual G.V.M.			

ESTIMATED KERB WEIGHTS, CHASSIS AND CAB: (With oil, water and full fuel tank) in kg & (lb.)	GVM	GCM	Tyres	Front	Rear	Total
	12767 (5791)	15650 (7099)	7.00 x 16—10 Ply	2778 (1250)	1466 (665)	4244 (1925)