

KS32

ISUZU KS32 TILT CAB/CHASSIS.



GVM 6800kg (14,991lb) GCM 9200kg (20,282lb) WITH 7.50 x 16 - 10 PLY TYRES

ENGINE:

Model: Isuzu 4BD1 Diesel engine.
Type 4-Cycle overhead valve, in line direct injection.
Number of cylinders: 4.
Bore and stroke: 102mm x 118mm.
Displacement: 3856cm³.
Din output: 72kW. @ 3200rpm. 255 Nm @ 2000rpm.
Compression ratio: 17.5:1.
RAC rating: 25.8.

ENGINE LUBRICATION:

Type: Full pressure flow with paper element oil filter.
Capacity: 8 litres with filter. 6.5 litres without filter.

FUEL SYSTEM:

Injection pump: Bosch in-line with mechanical governor.
Fuel tank capacity: 85 litres.

AXLE FRONT:

Capacity: 2400kg.
Type: Reverse Elliott T Beam.

AXLE REAR:

Capacity: 5000kg.
Type: Single reduction, hypoid, full floating.
Axle ratio: 5.857.

BRAKES, SERVICE:

Type: Hydraulic with vacuum assist. 2 leading at front/dual rear.
Total lining area: 1840cm².

PARK BRAKE:

Type: Mechanical expanding type at rear of transmission.

CLUTCH:

Type: Hydraulically operated, dry single plate with diaphragm spring.
Size, outside diameter: 275mm.
Total frictional area: 679cm².

COOLING SYSTEM:

Radiator: Pressure type, tube and corrugated fin.

DRIVELINE:

2 — Tubular shafts, needle bearing universal joint.

ELECTRIC SYSTEM:

Battery: 2 x 12v, 65 amp. hr each battery. Neg earth.
Alternator: 24 volt, 15 amp.
Starter: 24 volt, output 3.5kW.

FRAME:

Ladder type with channel section side members and 9 cross members.
Width: 820mm front 740mm rear.
Side members dimensions: 170mm x 70mm x 4.5mm.

SPRINGS:

Type: Semi-elliptic, alloy steel leaf springs.
Size: Length x width — No. of leaves.
Front: 1140mm x 70mm x 9mm — 7.
Rear: 1300mm x 70mm x 11mm — 6.
Rear auxiliary: 850mm x 70mm x 10mm — 5.
Shock absorbers: Front and rear, double acting hydraulic telescopic.

STEERING:

Type: Recirculating ball.
Ratio: 27.7:1
Wheel diameter: 450mm.

TRANSMISSION:

Type: Model MSA. 5-speed overdrive, floor mounted, synchromesh on 1st, 2nd, 3rd, 4th, and 5th.

Ratios (to 1):	1st	2nd	3rd	4th	5th	Reverse
	5.774	2.990	1.731	Direct	0.760	5.784

WHEELS AND TYRES:

Tyres: 7.50 x 16-10 ply.
Wheels and rims: 7/6.00 GS x 16 — 6 Studs — 135mm offset.
Spare wheel, tyre and lifting-type carrier.

STANDARD EQUIPMENT:

All steel tilt 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. 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.

PLEASE NOTE: As the policy of General Motors-Holden's is one of continual product improvement, all specifications and equipment are subject to change without notice. Bodies illustrated are not standard.

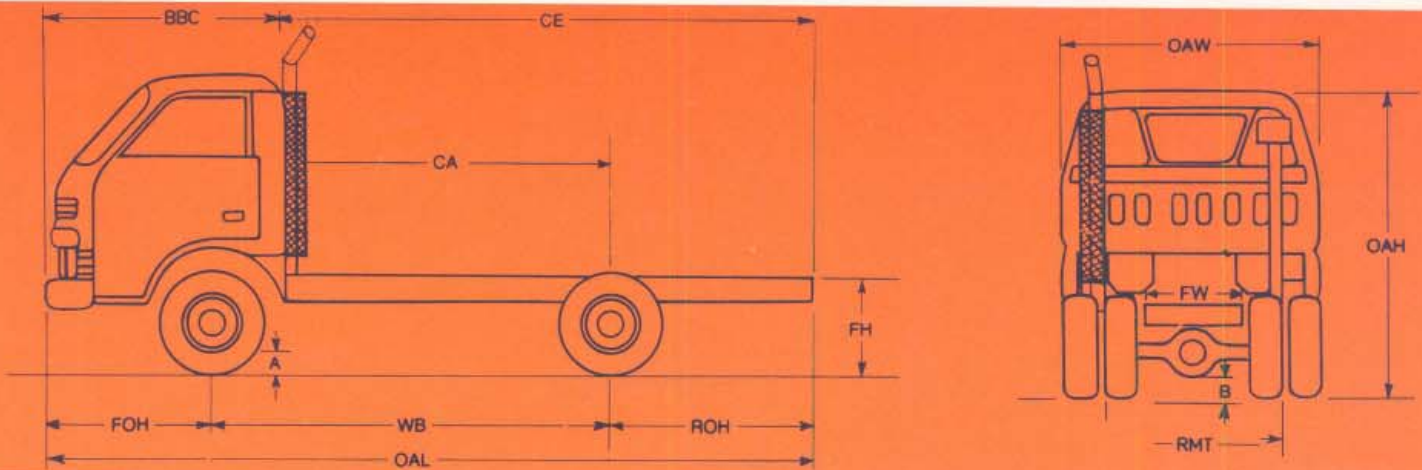
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ISUZU KS32 TILT CAB/CHASSIS.

DIMENSIONS/CHASSIS WEIGHTS



LENGTHS:

		mm
Wheelbase	WB	3780
Front overhang	FOH	1145
Rear overhang	ROH	1745
Bumper — back of cab	BBC	1615
Cab — Axle	CA	3330
Cab to end of frame	CE	5075
Overall length	OAL	6670

*CA and CE dimensions are effectively reduced by 125 mm with fitment of vertical exhaust pipe and protector.

WIDTHS:

Frame width (rear)	FW	740
Front track		1580
Rear Mean track	RMT	1485
Overall width	OAW	1915

HEIGHTS:

Overall height	OAH	2120
Front axle clearance	A	195
Rear axle clearance	B	195
Frame height (approx.) @ CL axle	FH	785

TURNING CIRCLE:

	metres
Kerb to kerb	13.6
Wall to wall	15.0

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For the most effective utilisation of this vehicle the following guidelines should be observed to ensure that the unit is correctly applied and design limits are not exceeded.

- The truck primarily designed for rigid application with 47 tonnes available for payload and body.
 - When vehicle is expected to travel at high speed, total frontal area of vehicle and load body should not exceed 6.0 square metres.
 - The following maximum body dimensions are recommended

Body length	5220mm
Body width	2286mm
Height (as van)	1905mm - Higher bodies are acceptable for low speed, short journey operation only
 - High centre of gravity of the body and payload may induce leaning when cornering at speed or on transverse slopes.
 - This truck is geared so that substantial use will be made of the direct fourth gear, particularly if a high body/load is carried.
 - Vehicle must not be used as a tipper unless frame modifications and reinforcements in accordance with GMH Engineering instructions are adopted.
 - Wheelbase alterations need GMH and registration authority approval.
 - When PTO equipment is fitted, design limits for the specified Isuzu PTO must not be exceeded.
- Special application approval from GMH Sales is required in writing for any deviation from standard specification.
GMH wish to keep a record of special application vehicles.
Calculated rolling gradeability @ GVM 28.3% @ GCM 20.9%
Calculated starting gradeability @ GVM 22% @ GCM 12% on smooth, hard surface.

	ESTIMATED KERB WEIGHTS (CHASSIS/CAB)			GROSS VEHICLE MASS INCLUDES PAYLOAD & BODY			GROSS COMBINATION MASS - INTERMITTENT OPERATION ONLY
	FRONT	REAR	TOTAL	FRONT	REAR	TOTAL	
KGS.	1335	735	2070	2500 MAX.	4400 MAX.	6800	9200