

BEDFORD BY ISUZU

SBR 422

SBR 422

CHASSIS/CAB



GVM 8000 kg (17637 lb.) WITH 8.25 x 16 — 12 PLY TYRES

ENGINE:

Model: Isuzu 6BB1 Diesel Engine.
Type: four cycle, water cooled, overhead valve, in-line, direct injection.
No. of cylinders: 6.
Bore and stroke: 102 mm x 110 mm (4.02 ins. x 4.33 ins.).
Displacement: 5393 cm³/329 CID.
Max. net horsepower: 107 kW (143 bhp) @ 3,200 rpm.
Max. net torque: 343 Nm (253.2 lbs./ft.) @ 2,000 rpm.
Compression ratio: 17.5:1.
RAC rating: 39.

ENGINE LUBRICATION:

Pressure feed with full-flow paper element, oil cooler.
Capacity: 14.5 litres (26 Imp. pts.).

FUEL SYSTEM:

Injection pump: Reformed Bosch in-line with mechanical governor.
Fuel tank capacity: 100 litres (22.0 Imp. gals.).

AIR CLEANER:

Paper element with cyclone device.

AXLE, FRONT:

Capacity: 3200 kg (7055 lbs.).
Type: Reverse Elliott I-beam.

AXLE, REAR:

Capacity: 6200 kg (13669 lbs.).
Type: Banjo, fully floating, single reduction, hypoid gear.
Final gear ratio (to 1): 5.833 (6/35).

BRAKES, SERVICE:

Type: Hydraulic with vacuum assisted, front two leading, rear dual two leading. Exhaust brake.
Total lining area: 2864 cm² (443.9 sq. ins.).

BRAKE, PARKING:

Type: Mechanical internal expanding at rear of transmission.

CLUTCH:

Type: Dry single plate with cushioning springs. Hydraulically operated.

Size: Outside diameter 300 mm (11.8 ins.).
Total frictional area: 846 cm² (131 sq. ins.).

COOLING SYSTEM:

Radiator: Tube and corrugated fin, pressured type.
Frontal area, radiator: 2,614 cm² (405.17 sq. ins.).
Core thickness: 70 mm (2.76 ins.).

DRIVE LINE:

Type: Tubular shaft, needle bearing universal joint.

ELECTRIC SYSTEM:

Battery: 2 x 12 volt.
Capacity: 65 amp./hr. each battery. Negative earth.
Alternator: 24 volt/400 watt.
Starter: 24 volt/3.7 kW.

FRAME:

Type: Ladder type channel section.
Frame width: 800 mm (31.5 ins.).
Side member dimensions: Depth x Width x Thickness—
225 mm (8.865 ins.) x 70 mm (2.76 ins.) x 6 mm (.2364 ins.).

SPRINGS

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x Width—No. of leaves.
Front: 1200 mm (47.28 ins.) x 70 mm (2.76 ins.)—8.
Rear: 1300 mm (51.22 ins.) x 70 mm (2.76 ins.)—8.
Rear auxiliary: 850 mm (33.49 ins.) x 70 mm (2.76 ins.)—7.
Shock absorbers: Hydraulic double acting telescopic shock absorbers at front.

STEERING:

Type: Recirculating ball.
Gear ratio: 27.4:1.

TRANSMISSION:

5-speed, overdrive, synchromesh on 2nd, 3rd, 4th, 5th gears, floor mounted remote control.

Ratios (to 1):

1st	2nd	3rd	4th	5th	Reverse
5.914	3.104	1.644	1.000	0.731	5.412

WHEELS AND TYRES:

Dual rear wheels.
Wheels and rims: 6.00 GS x 16 rims, 6 stud disc wheels.
Tyres: 8.25 x 16—12 ply.

STANDARD EQUIPMENT:

All steel cab (tilt type). Adjustable driver seat. Two-speed windshield wiper. Windshield washer. Hazard warning flasher. Dual electric horn. Hydraulic jack and wheel wrench. Floor mat. Speedometer and odometer. Meter for fuel, water temperature. Warning lamp for charging, oil pressure, vacuum and clogged oil filter. Indicator lamp for turn signal, main beam, parking brake. Starter heater control. Laminated windshield glass. Spare tyre carrier. Tachometer. Heater and demister. Radio. General hand tools.

GMH 12/20 WARRANTY:

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

All illustrations and specifications contained in this sheet are based on the latest product information available at time of publication approval. The right is reserved to make changes at any time, without notice, in prices, colours, materials, equipment, specifications and models and to discontinue models. Check with your Bedford by Isuzu Dealer for complete information.



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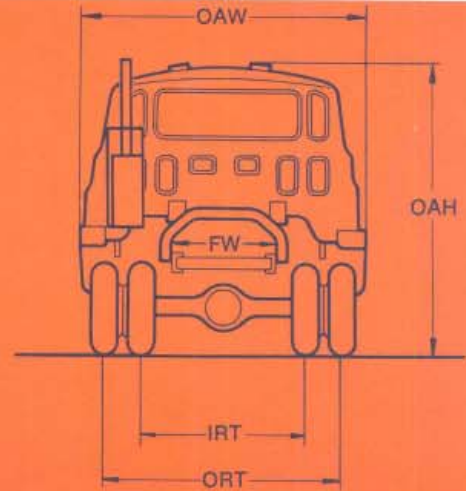
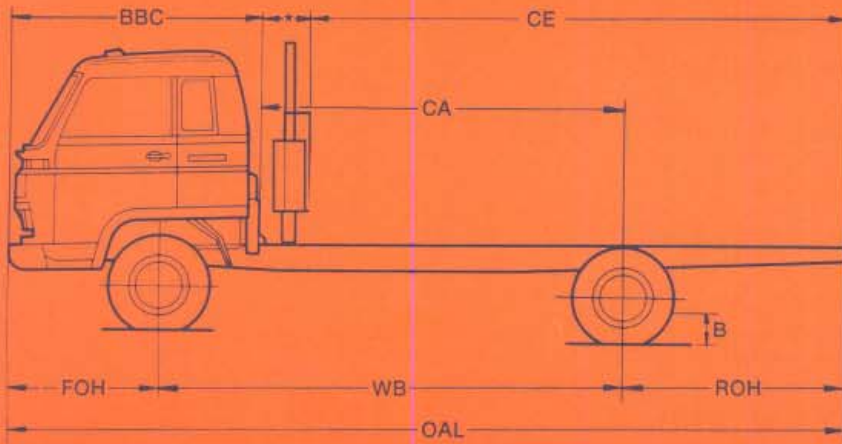
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CHASSIS/CAB

DIMENSIONS/CHASSIS WEIGHTS



LENGTHS:

		mm	inches
Wheelbase	WB	4,200	(165.4)
Front overhang	FOH	1,210	(47.6)
Rear overhang	ROH	1,750	(68.9)
Bumper—back of cab	BBC	2,020	(79.5)
Cab—axle	CA	3,390*	(133.5)
Cab to end of frame	CE	5,140*	(202.4)
Overall length	OAL	7,160	(281.9)

*CE and CA dimensions are effectively reduced by 300 mm (11.8 ins.) with fitment of vertical exhaust pipe and protector.

WIDTHS:

Frame width	FW	800	(31.5)
Inside rear track	IRT	1,610	(63.4)
Outside rear track	ORT	2,100	(82.7)
Overall width	OAW	2,170	(85.4)

HEIGHTS:

Overall height	OAH	2,360	(92.9)
Rear axle clearance	B	210	(8.3)

TURNING CIRCLE:

metres	14.2
feet	(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 & (lbs.).

GVM	Tyres	Front	Rear	Total
8000 (17637)	8.25 x 16—12 Ply	1735 (3825)	930 (2050)	2665 (5875)