

BEDFORD BY **ISUZU**

SPG540

SPG540



TWIN-STEER CHASSIS/TILT CAB

GVM 18450 kg (40675 lb.) GCM 34000 kg (74957 lb.) WITH 10.00 x 20—12 TYRES

ENGINE:

Model: Isuzu E120 diesel engine.
Type: 4-cycle overhead valve, in line, direct injection.
Number of cylinders: 6.
Bore and stroke: 135 mm (5.31 in.) x 140 mm (5.51 in.).
Displacement: 12023 cm³ (733.6 CID).
Max. net power: 179 kW (240 bhp) @ 2300 rpm.
Max. net torque: 823.8 Nm (607.6 lb./ft.) @ 1400 rpm.
Compression ratio: 16.5:1.
RAC rating: 67.9.

ENGINE LUBRICATION:

Type: Pressure feed with full flow paper element and partial flow centrifugal oil filter. Oil cooler.
Capacity: 20 litres (35.2 Imp. pts.).

FUEL SYSTEM:

Injection pump: Reformed Bosch in-line type with mechanical governor.
Fuel tank capacity: 200 litres (44 Imp. gals.).

AIR CLEANER:

Paper element with cyclone device.

AXLE, FRONT:

Capacity: 6000 kg (13228 lb.) each axle. 12000 kg (26456 lb.) total. Type: Reverse Elliott 'I' Beam.

AXLE, REAR:

Capacity: 11400 kg (25132 lb.). Type: Single reduction, spiral bevel gear, full floating. Ratio: 6.666:1.

BRAKES, SERVICE:

Type: Air over hydraulic. Dual circuit. Exhaust brake.
Total lining area: 7400 cm² (1147 sq. ins.).

BRAKE, PARKING/EMERGENCY:

Type: Mechanical internal expanding at rear of transmission.

CLUTCH:

Type: Air assisted, hydraulically operated dry single plate with cushioning springs. Size, outside diameter: 410 mm (16.1 ins.). Total frictional area: 1578 cm² (244.6 sq. ins.).

COOLING SYSTEM:

Radiator: Pressure type, tube and corrugated fin.

DRIVE LINE:

Type: Tubular shafts, needle bearing universal joints.

ELECTRICAL SYSTEM:

Battery 2 x 12 volt, capacity 150 amp. hr. each battery. Neg. earth. Alternator: 450W. Starter: 24 volt.

FINISH:

Cab interior—Finished in acrylic lacquer. **Cab exterior**—Alpine Blue acrylic delivery coat ready for final finish.

FRAME:

Ladder type with double channel section side members and 7 cross members: Width: 811 mm (31.93 ins.). Dimensions: 250 mm (9.84 ins.) x 85 mm (3.35 ins.) x 6 mm (0.24 ins.).

SPRINGS:

Type: Semi-elliptic alloy steel leaf springs.

Size: Length x width—No. of leaves.

Front: Forward and rearward, 1600 mm (63 ins.) x 80 mm (3.2 ins.)—7.

Rear: 1600 mm (63 ins.) x 100 mm (3.9 ins.)—8.

Rear auxiliary: 1100 mm (43.3 ins.) x 100 mm (3.9 ins.)—6.

Shock absorbers: Second steering axle only, double acting hydraulic telescopic.

STEERING:

Model: Twin steer—dual front axles.

Type: Recirculating ball with linkage-type power assist.

Ratio: 30:1.

Wheel diameter: 503 mm (19.8 ins.).

TRANSMISSION:

Type: Model MAB6P, 6-speed overdrive, floor mounted, synchromesh on 2nd, 3rd, 4th and 5th. Complete with power take-off.

Ratios (to 1):

1st	2nd	3rd	4th	5th	6th	Reverse
6.307	3.811	2.313	1.449	Direct	0.745	6.622

WHEELS AND TYRES:

Dual rear wheels.

Tyres: 10.00 x 20—12 ply.

Wheels and rims: 9/7.00 T x 20, 8 stud, 6.4 offset.

Spare wheel, tyre and lifting-type carrier.

STANDARD EQUIPMENT:

Tilt cab. Sleeper bed. Tempered side and rear glass. Suspension seat — driver's side. Ventilation system. Laminated windscreen. Two-speed triple blade windscreen wipers. Windscreen washers. Kilometer speedometer/odometer. Oil pressure, charging, clogged oil filter and exhaust brake warning lights. Fuel, water temperature and oil pressure gauges. High beam and turn signal indicator lights. Reversing lamps. General hand tools. Hydraulic jack and tools. Starting heater control. Fuel shut-off device. Tachometer. Tachograph. Dual tone electric horn. Battery isolating switch. Fog lamps. Heater/demister. Radio. Ash tray, cigarette lighter, glove compartment. Power take-off (clockwise). Internal and external rear vision mirrors. Seat belt anchorages for two. Hazard warning flashers. Engine over-run warning device.

GMH HEAVY COMMERCIAL WARRANTY

Every 1976 model SPG540 Bedford by Isuzu vehicle is covered by the GMH Heavy Commercial Warranty which provides coverage for the first 12 months or 20,000 to 150,000 kilometres. Full details can be obtained from your GMH Bedford by Isuzu Dealer.

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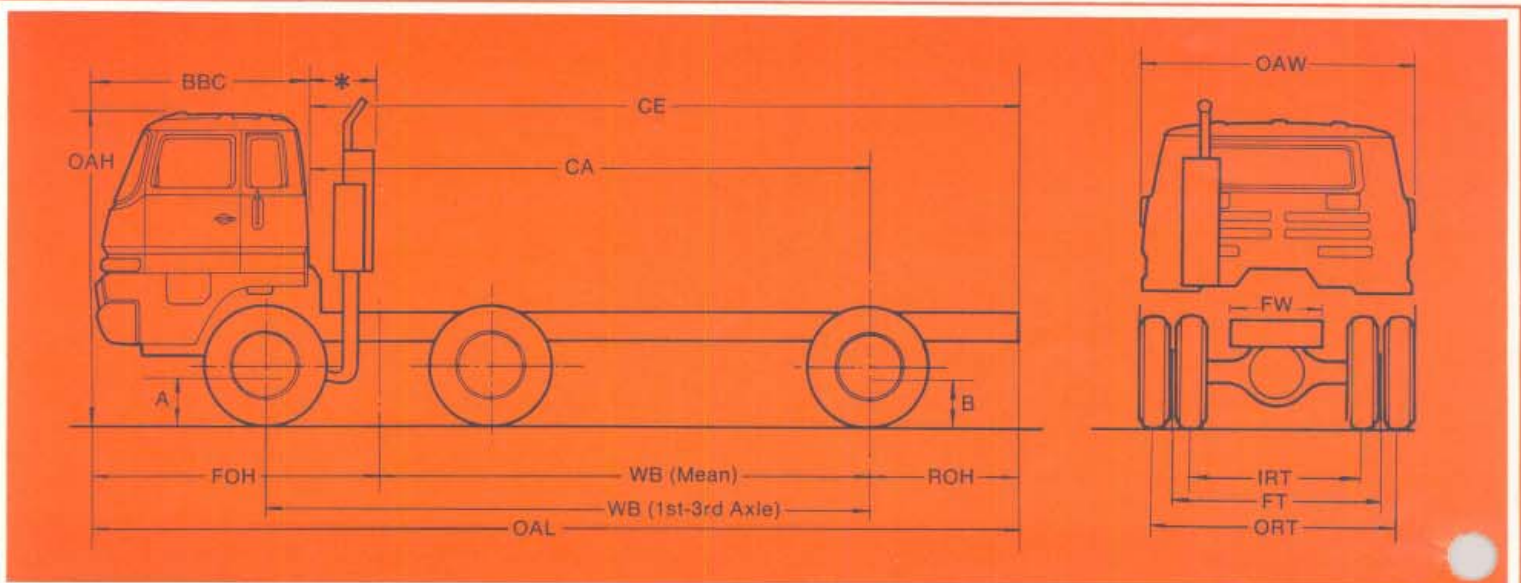
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BEDFORD BY
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TWIN-STEER CHASSIS/TILT CAB DIMENSIONS/CHASSIS WEIGHTS



LENGTHS:

			mm	inches
Wheelbase	Mean	WB	4400	(173.23)
	1st-3rd Axle	WB	5400	(212.60)
Front overhang		FOH	1500	(59.05)
Rear overhang		ROH	1275	(50.19)
Bumper — back of cab		BBC	1890	(74.41)
Cab — axle (3rd axle)		CA	5020*	(197.64)
Cab to end of frame		CE	6295*	(247.83)
Overall length		OAL	8175	(321.85)

*CA and CE dimensions are effectively reduced by 500 mm (19.69 ins.) with fitment of vertical exhaust pipe & protector.

WIDTHS:

			mm	inches
Frame width		FW	811	(31.93)
Front track		FT	2000	(78.74)
Inside rear track		IRT	1820	(71.65)
Outside rear track		ORT	2144	(84.41)
Overall width		OAW	2435	(95.86)

HEIGHTS:

			mm	inches
Overall height		OAH	2770	(109.05)
Front axle clearance		A	245	(9.64)
Rear axle clearance		B	245	(9.64)

TURNING CIRCLE:

	metres	feet
Kerb to kerb	18.2	(59.7)
Wall to wall	20.2	(66.3)

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
18450 (40675)	34000 (74957)	10.00 x 20—12	4725 (10417)	1470 (3241)	6195 (13658)