

BEDFORD
BY **ISUZU**

SPZ440

SPZ440

CHASSIS/ TILT CAB



GVW 21000 kg (46297 lb.) GCW 34000 kg (74957 lb.) WITH 10.00 x 20—14 TYRES

ENGINE:

Model: Isuzu E120 diesel engine.
Type: Overhead valve, in-line.
Number of cylinders: 6.
Bore and stroke: 135 mm (5.315 ins.) x 140 mm (5.512 ins.).
Displacement: 12023 cm³ (733.6 CID).
Max. net power: 176.5 kW (236.6 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:

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

AIR CLEANER:

Heavy duty paper element with cyclone device.

AXLE, FRONT:

Capacity: 6000 kg (13228 lb.). Type: Reverse Elliott 'I' Beam.

AXLE, REAR:

Capacity: 16000 kg (35274 lb.). Type: Banjo, fully floating.
Single speed hypoid. Axle ratio: 5.571:1.

BRAKES, SERVICE:

Type: Full air leading and trailing. Dual circuit for double safety protection. Exhaust brake. Total lining area: 7288 cm² (1129.6 sq. ins.).

BRAKE, HAND:

Type: Spring/air. Total lining area: 528 cm² (81.1 sq. ins.).

CLUTCH:

Type: Air assisted, hydraulically operated. Dry single plate with cushioning springs. Size, outside diameter: 410 mm (16.14 ins.).
Total frictional area: 1578 cm² (244.6 sq. ins.).

COOLING SYSTEM:

Radiator: Tube and corrugated fin. Frontal area, 3750 cm² (581.3 sq. ins.). Core, 56 mm (2.20 ins.) thick.

DRIVE LINE:

Type: Tubular shafts, needle bearing universal joints.

ELECTRIC SYSTEM:

Battery: 2 x 12 volt, capacity 150 amp. hrs. each battery. Neg. earth. Alternator: 25 amp., 24 volt. Starter: 24 volt.

FINISH:

Cab finished in Alpine Blue. Seats and door trim in black.

FRAME:

Type: Ladder type, double channel section. Dimensions (outside): Depth 250 mm (9.84 ins.). Width 85 mm (3.55 ins.).
Thickness 6mm (0.24 in.).

SPRINGS:

Type: Front — Semi-elliptical, alloy steel leaf. Rear — Semi-elliptical, alloy steel leaf. Trunnion type suspension.
Size: Length x width—No. of leaves.
Front: 1600 mm (62.99 ins.) x 80 mm (3.15 ins.)—7.
Rear: 1300 mm (51.18 ins.) x 90 mm (3.54 ins.)—9.
Shock absorbers: Hydraulic, double acting, telescopic.

STEERING:

Type: Recirculating ball with integral power assisted. Ratio: 22.2:1. Wheel diameter: 503 mm (19.8 ins.).

TRANSMISSION:

Type: Fuller RTO9513 Roadranger, 13-speed.

Ratios (to 1):

1st	2nd	3rd	4th	5th	6th
Low	1st Low	2nd Low	3rd Low	4th Low	5th Direct
12.50	8.35	6.12	4.56	3.38	2.47
7th	8th	9th	10th	11th	
5th Overdrive	6th Direct	6th Overdrive	7th Direct	7th Overdrive	
2.14	1.81	1.57	1.35	1.17	
12th	13th		Reverse	Reverse	
8th Direct	8th Overdrive		Low	High	
1.00	0.87		13.07	3.87	

WHEELS AND TYRES:

Dual rear wheels. Tyres: 10.00 x 20—14 ply. Wheels and rims: 11 wheels/tyres 7.00 T x 20, 8 stud, 162 mm (6.38 ins.) offset. Spare tyre and disc, lifting type spare tyre carrier.

STANDARD EQUIPMENT:

All steel tilt cab. Laminated windshield glass. Tempered side and rear glass. Seat belt anchorages for three. Suspension seat — driver's side. Fuel shut-off device. Heater/demister. Radio. Glove compartment. Ash tray. Coat hanger. Interior rear view mirror. Exterior rear view mirrors. Warning lamps — high beam, oil pressure, air pressure, exhaust brake indicator flashing lights. Oil filter. Tachometer. Dual tone horn. Two speed triple blade windshield wipers and washers. Fog lamps. General hand tools including hydraulic jack. Kilometre speedometer/odometer. Tyre inflation device. Hazard warning lights. Engine over-run warning device.

OPTIONAL EQUIPMENT:

Sleeper bed with curtain. Tachograph.

GMH 12/20 WARRANTY:

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

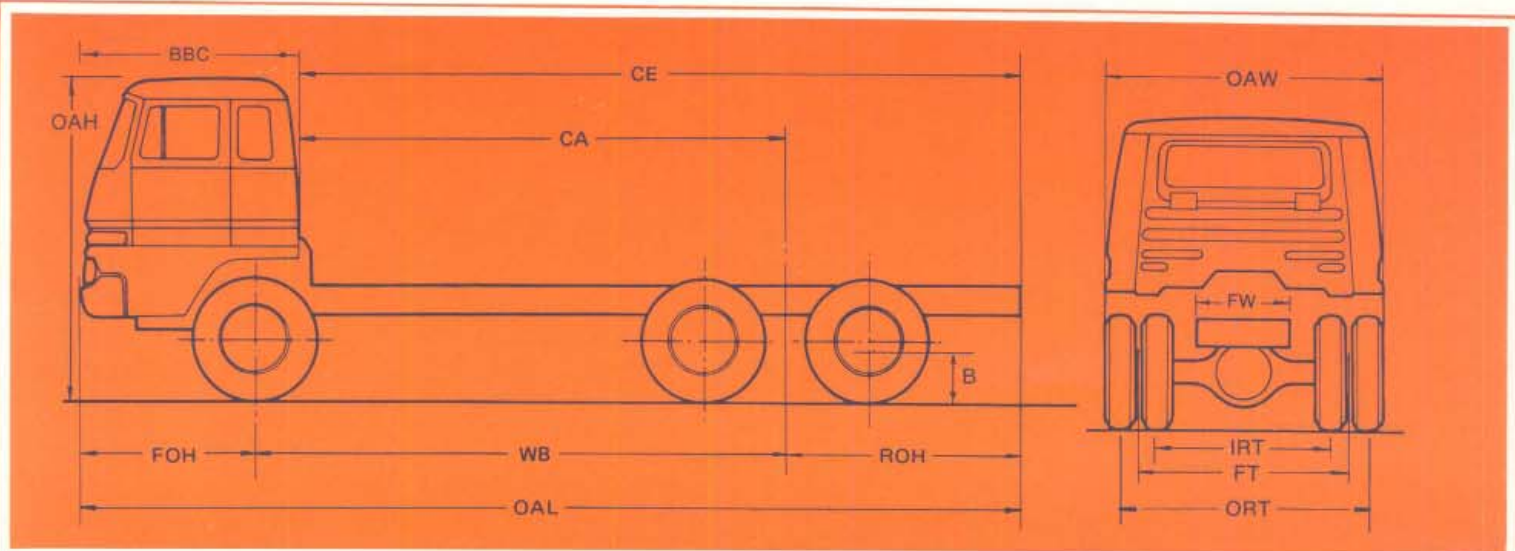
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CHASSIS/TILT CAB

DIMENSIONS/CHASSIS WEIGHTS



LENGTHS:

		mm	(inches)
Wheelbase (Mean)	WB	3750	(147.64)
Front overhang	FOH	1500	(59.06)
Rear overhang	ROH	1850	(72.83)
Bumper — back of cab	BBC	1880	(74.02)
Cab — axle	CA	3370	(132.68)
Cab to end of frame	CE	5220	(205.51)
Overall length	OAL	7100	(279.53)

WIDTHS:

		mm	(inches)
Frame width	FW	823	(32.40)
Front track	FT	2000	(78.74)
Inside rear track	IRT	1840	(72.42)
Outside rear track	ORT	2430	(95.67)
Overall width	OAW	2435	(95.87)

HEIGHTS:

		mm	(inches)
Overall height	OAH	2775	(109.25)
Rear axle clearance	B	255	(10.04)

TURNING CIRCLE:

	metres	(feet)
Kerb to kerb	13.20	(43.31)
Wall to wall	15.20	(49.87)

WEIGHT DISTRIBUTION (lb.):

	Front	Rear	Trailer	Total
Chassis/ Cab Weight				
Body & Equipment Weight				
Total				
GVW/GCW				
Payload Capacity				

YOUR AUTHORIZED BEDFORD BY ISUZU DEALER:

ESTIMATED KERB WEIGHTS, CHASSIS AND CAB: (with oil, water and full fuel tank) in kg & (lb.).

GVW	GCW	Tyres	Front	Rear	Total
21000 (46297)	34000 (74957)	10.00 x 20—14	3625 (7992)	3380 (7451)	7005 (15443)