

SPH710

ISUZU SPH710 TWIN STEER TANDEM DRIVE CHASSIS/CAB.



GVM 27,000 kg (59,524 lb.) GCM 36,000 kg (79,366 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: 135mm (5.31 in.) x 140mm (5.51 in.).
Displacement: 12023 cm³ (733.6 CID).
Max. net power: 165kW (221 bhp) @ 2300 rpm.
Max. net torque: 770 Nm (568 lbs./ft.) @ 1400 rpm.
Compression ratio: 16.5:1.
RAC rating: 67.7.

ENGINE LUBRICATION:

Type: Pressure feed with full flow paper element and partial flow depth type 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:

Donaldson cyclopac, 2 stage type with vertical air intake (model HFA-12) with safety element.

AXLES FRONT:

Capacity 6000 kg (13288 lb.) each axle. 12000 kg (26456 lb.) total.
Type: Reverse Elliot-I beam.

AXLES REAR:

Capacity 10500 kg. (23148 lb.) each axle. 21000 kg. (46296 lb.) total.
Type: Banjo fully floating tandem axle, hypoid gear.
Final gear ratio: 4.875:1.

BRAKES, SERVICE:

Type: Dual circuit, full air/mechanical, leading and trailing.
Exhaust brake.

Total lining area: 9472 cm²

BRAKE, PARKING/EMERGENCY

Type: Spring brake at forward and rearward rear axle wheels.

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 850W.

Starter: 24 volt.

FINISH:

Cab interior and exterior — finished in acrylic lacquer.

FRAME:

Ladder type with double channel section side members and 8 cross members.

Width: 85 mm. Height 250 mm.

SPRINGS:

Type: Semi-elliptic alloy steel leaf springs — trunnion shaft type at rear.

Size: Length x width — No. of leaves.

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

Rear: 1300 mm (51.2 ins.) x 90 mm (3.5 ins.) — 9.

Shock absorbers: Steering axles, double acting hydraulic telescopic.

STEERING:

Model: Twin steer — dual front axles.

Type: Recirculating ball with linkage-type power assist.

Ratio: 30.0:1.

Wheel diameter: 503 mm (19.8 ins.).

TRANSMISSION:

Type: Fuller Roadranger 13 speed overdrive. (RTO9513).

Ratio: (to 1).

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

WHEELS AND TYRES:

Dual rear wheels, both axles.

Tyres: 10.00 x 20 — 12 ply.

Wheels and rims: 13/7.00 T x 20, 162mm offset, 8 stud.

Spare wheel and tyre.

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. Kilometre speedometer/odometer. Oil pressure, charging, clogged oil filter, brake lining clearance of wheel brake and exhaust brake warning lights. Fuel, water temperature, air and oil pressure gauges. High beam and turn signal indicator lights. Reversing lights. General hand tools. Hydraulic jack and tools. Fuel shut off device. Tachometer. Tachograph. Dual tone air horn. Battery isolating switch. Heater/demister. Radio. Ash trays. Cigarette lighter, glove compartment. Internal and external rear vision mirrors. Seat belt. Hazard warning flashers. Engine over-run warning device. Spare tyre carrier: lifting type. Sunvisors, passenger side. Tyre inflator device.

OPTIONAL EQUIPMENT:

ISUZU CUSTOM CAB:

Featuring: Fabric seat trim, air-conditioner, AM/FM stereo/radio, sunvisor, door visor, centre console, overhead console, sleeper, parcel tray, fabric sleeper mat, carpet, front glass moulding, grille moulding, chromed bumper, door step light, roof lining, upper facia pad, glove box pad.

GMH HEAVY COMMERCIAL WARRANTY:

The Isuzu SPH710 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-Isuzu Dealer.

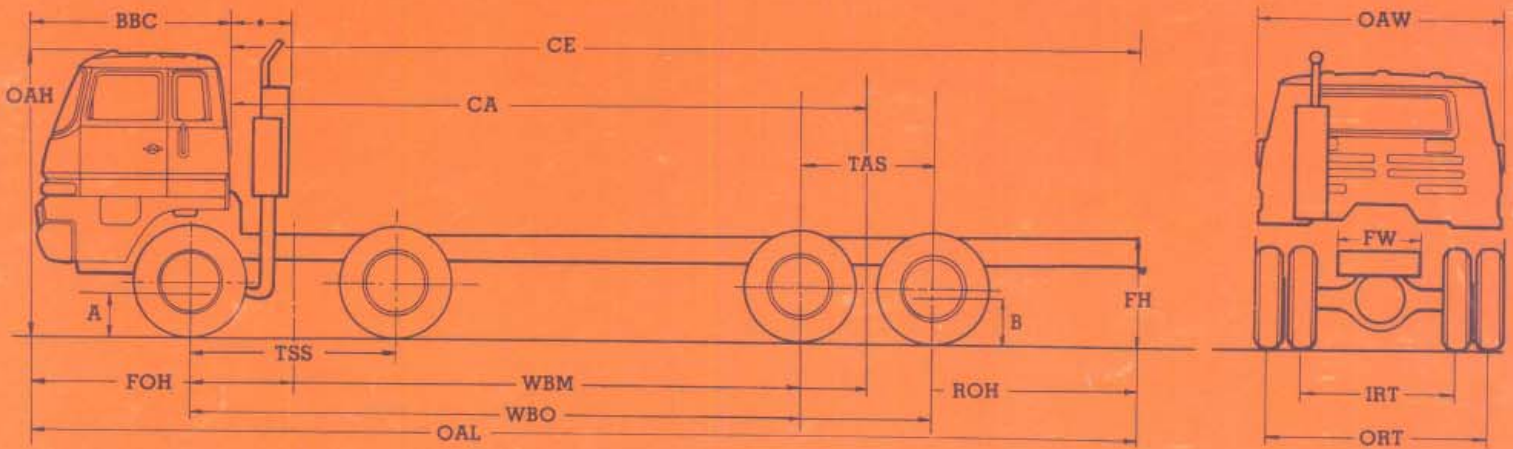
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TRUCKPOWER.
Chevrolet. Isuzu. Bedford.
General Motors-Holden's Sales Pty. Ltd.

SPH 710

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DIMENSIONS/CHASSIS WEIGHTS



LENGTHS:

		mm	inches
Wheelbase OVERALL	WBO	7,100	(279.5)
First to Mid Point of tandem	WBM	6,450	(254.1)
Front overhang	FOH	1,500	(59.1)
Rear overhang	ROH	2,605	(102.6)
Bumper — back of cab	BBC	1,880	(74.1)
Cab — axle	CA	6,070*	(239.2)
Cab to end of frame	CE	8,670*	(341.6)
Overall length	OAL	10,550	(415.7)
Twin Steer Spacing	TSS	2,000	(78.80)
Tandem Axle Spacing	TAS	1,300	(51.22)

*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	(31.95)
Front track	FT	2,000	(78.80)
Inside rear track	IRT	1,516	(59.73)
Outside rear track	ORT	2,126	(83.70)
Overall width	OAW	2,435	(95.94)

HEIGHTS:

		mm	inches
Overall cab height	OAH	2,767	(109.01)
Front axle clearance APPROX.	A	245	(9.64)
Rear axle clearance APPROX.	B	255	(10.04)
Frame height @ CL axle APPROX.	FH	1,030	(40.55)

TURNING CIRCLE:

	metres	feet
Kerb to kerb	21.8	71.5

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	GCM	Tyres	Front	Rear	Total
27,000 (59,524)	36,000 (79,366)	10.00 x 20-12	5,235 (11,541)	3,145 (6,933)	8,380 (18,474)