



Isuzu SHR 361S



Chassis/Cab

GCM 32,000kg. – GVM 14,200kg with 10.00 × 20 TYRES:
(14 PLY FRONT 12 PLY REAR)

Engine:

Model: Isuzu 6 RAIT Turbocharged Diesel
Type: 4-cycle overhead valve, in line, direct injection with Turbocharged AiResearch model TV61.
Dual inlet & exhaust valves. Roller tappets.
Number of cylinders: 6.
Bore & Stroke: 135mm x 140mm.
Displacement: 12023cm³ (723.5 CID).
Max. net power: Din 190 kW (255 bhp) @ 2300 rpm.
Max. net torque: Din 975 Nm (720 lb/ft) @ 1300 rpm.
Compression Ratio: 15.5:1.
RAC Rating: 67.8.

Air Cleaner:

Donaldson Cyclopac, 2 stage type with vertical air intake (Model FTG 15) with safety element. Restriction warning.

Axle Front:

Capacity: 6000kg. Type: Reversible Elliott 'I'-Beam.

Axle Rear:

Capacity: 11,500kg.
Type: Single reduction, hypoid gear, banjo full-floating.
Ratio: 4.875:1 (470mm, (18.5") dia. hypoid).

Brakes Service:

Type: Air mechanical. Dual Circuit 'S-Cam'. Total lining area: 0.672 sq. metre. Standard exhaust brake and airtank auto drain cock.

Brake Parking/Emergency:

Type: Spring/air.

Clutch:

Type: Twin plate Spicer angle spring 360mm (14 inch), hydraulic actuation. Total friction area 2 × 1365cm².

Cooling System:

Radiator: Tube and corrugated fin. with surge tank. Frontal area 0.5280 sq. metre. Core, 70mm Thick. 610mm dia. 7 blade fan.

Drive Line:

Type: Tubular shafts, needle bearing universal joints.

Electric System:

Batteries: 2 x 12 volt, capacity 150 amp. hrs. – each battery.
Neg. earth. Alternator: 24 volt 40 amp. Starter: 24 volt.

Frame:

Type: Ladder type; double channel section.
Dimensions (outside): Depth 250mm x Width 85mm x Thickness 6mm.

Suspension:

Front: Semi-elliptical, alloy steel leaf.
Size: Length 1450mm x width 80mm 9 leaves.
Capacity @ ground: 8000kg.
Rear: Semi-elliptical alloy steel leaf spring.
Capacity @ ground: 21,900kg.

Steering:

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

Transmission:

Type: Fuller RTO-11613 Roadranger, 13-speed. Overdrive.

Ratios (to 1):

Lo	1st	2nd	3rd	4th	5th	5th O/D		
12.56	8.32	6.18	4.54	3.38	2.46	2.15		
6th	6th O/D	7th	7th O/D	8th	8th O/D	Rev.	Low Rev.	
1.83	1.60	1.34	1.17	1.00	.87	3.89	13.13	

Engine Lubrication:

Type: Pressure feed with full-flow paper element and partial flow depth type oil filter. Oil cooler. Restriction warning.
Capacity: 25 litres including filter.

Fuel System:

Injection pump: Diesel Kiki in-line P-type with mechanical limiting speed governor.
Fuel Tank Capacity: 200 litres.

Wheels and Tyres:

Dual rear wheels: Tyres: 10.00 x 20 — 14 ply front and spare. 10.00 x 20 — 12 ply rear. Wheels and rims: 7/7.50V x 20 – 10 stud, 165mm offset. Spare tyre and wheel.

Cab Standard Equipment:

Tilt cab. Sleeper bed with curtain. Laminated windshield glass. Tempered side and rear glass. Seat belts for two. Suspension seat — driver's side. Fuel shut-off device. Heater/demister. Radio. Glove compartment. Ashtray. Interior rear view mirror. Exterior West Coast type rear view mirrors. Warning lamps — high beam, oil pressure, air pressure, parking brake, exhaust brake indicator flashing light. Oil filter. Tachometer. Tachograph. Dual tone horn. Two speed triple blade windshield wipers and washers. General hand tools including hydraulic jack and tool box. Kilometre speedometer/odometer. Tyre inflation device. Hazard warning lights. Engine over-run warning device. Cigar lighter. Fuel sedimentor with warning lamp. Over-heat warning lamp. Radiator coolant level warning lamp. Air cleaner dust warning lamp.

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.

In addition to this basic warranty, GMH provides an extended warranty on certain mechanical components. Please refer to your GMH/Isuzu dealer to ascertain all details regarding warranty on Isuzu SH series truck chassis.



Reliability is everything.

DIMENSIONS/CHASSIS WEIGHTS

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.

No GMH dealer or other person is authorised or permitted to give or make any statement assertion or undertaking in relation to the quality performance characteristics descriptions or fitness for any purpose of any GMH product or in connection with the supply of any GMH product, which is at variance with any written statement assertion or undertaking on any of these subjects given or made by General Motors-Holden's Limited or General Motors-Holden's Sales Pty. Ltd. in its published sales literature, and neither company accepts any liability for any such unauthorised action.

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

1. The truck is primarily designed for tractor/trailer application. As a rigid vehicle the capacity of 8 tonnes is available for payload and body. As a prime mover hauling the maximum trailer, total combined tractor/trailer and payload capacity of 32 tonnes is available.
2. Wheelbase alterations need GMH approval.
3. When PTO equipment is fitted, design limits for specific Isuzu PTO must not be exceeded.

Special application approval from GMH Sales is required in writing for any deviation from standard specifications. GMH wish to keep records of special application vehicles.

DIMENSIONS

Lengths:

		mm
Wheelbase	WB	3600
Front overhang	FOH	1430
Rear overhang	ROH	1425
Bumper to back of cab	BBC	1890
Cab to axle rear	CA	3140*
Cab to end of frame	CE	4565*
Overall length	OAL	6455

* CA and CE dimensions are effectively reduced by 300mm with fitment of vertical exhaust pipe and protector and 530mm by air cleaner.

Widths:

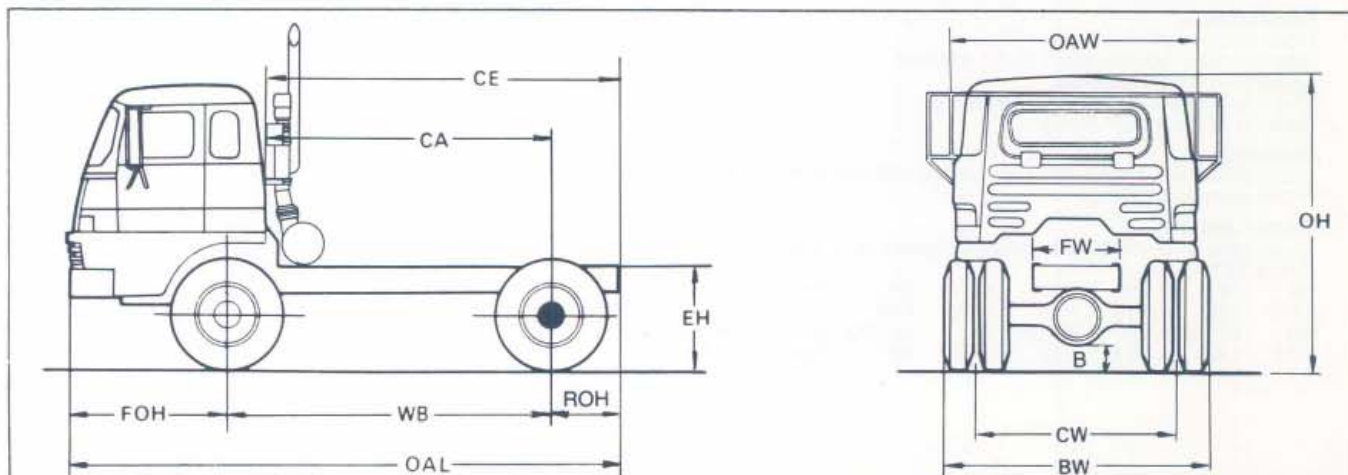
Frame width (rear)	FW	811
Front track	FT	2050
Inside rear track	CW	1840
Outside rear track	BW	2450
Overall width	OAW	2485

Heights:

Overall height (top of cab)	OH	2750
Rear axle clearance	B	245
Frame height	EH	1100

Turning Circle:

Wall to Wall	metres	14.6
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PRIME MOVER						INCL. TRAILER
ESTIMATED KERB WEIGHT CHASSIS/CAB (kg)			GROSS VEHICLE MASS (kg)			GCM (kg)
Front	Rear	Total	Front max	Rear max	Total	Total
3710	1935	5645	5620	8720	14,200	32,000