



Isuzu SHH 711S



Chassis/Cab. Twin Steer Tandem Drive

GVM 27,000kg (59,400lb.) GCM 38,000kg (79,366lb.)

Engine:

Model: Isuzu 6RAIT Turbocharged Diesel.
 Type: 4-cycle overhead valve, in line, direct injection with Turbocharger
 AiResearch model TV61.
 Dual inlet & exhaust valves. Roller tappets.
 Number of cylinders: 6.
 Bore and stroke: 135 mm x 140 mm.
 Displacement: 12023 cm³ (723' 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: 53.27

Air Cleaner:

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

Axles Front Twin Steering:

Capacity: 6000 kg each axle. 12000 kg total.
 Type: Reverse Elliot 'I' Beam.

Axles Rear Tandem:

Capacity: 10500 kg each axle, 21000 kg total.
 Type: Banjo fully floating tandem axle, hypoid gear.
 Final gear ratio: 4.875:1. (420 mm, 16.5" dia. hypoid).

Brakes, Service:

Type: Dual circuit, full air/mechanical, leading and trailing. "S"-Cam.
 Total lining area 0.928 sq. metres. Exhaust brake is standard.
 Air tank auto drain cock.

Brake, Parking/Emergency:

Type: Spring/air.

Clutch:

Type: Hydraulically operated Spicer angle spring 14" model AS2-1402 twin plate.

Cooling System:

Radiator area 0.53 sq.m 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: 35 amp.
 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 rear, 1600 mm x 80 mm — 7.
 Rear: 1300 mm x 90 mm — 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.

Transmission:

Type: Fuller Roadranger 13 speed overdrive (RTO-11613).

Ratio (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.
 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, both axles.
 Tyres: 10.00 x 20 — 12 ply.
 Wheels and rims: 13/7.50 V x 20, 165 mm offset, 8 stud.
 Spare wheel and tyre on carrier — lifting type

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 air pressure, 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. 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.



Reliability is everything.

Isuzu SHH 711S



DIMENSIONS/CHASSIS WEIGHTS

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.

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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 unit is correctly applied and that design limits are not exceeded.

1. The truck is primarily designed for rigid application with 17.6 tonnes available for payload and body.
2. The following maximum body dimensions are recommended:
 - Body length 9200 mm
 - Body width 2500 mm
3. Wheelbase alterations need GMH approval.
4. When PTO equipment is fitted, design limits for specified Isuzu PTO must not be exceeded.

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

Lengths:

| | | mm |
|-----------------------------------|-----|--------|
| Wheelbase OVERALL | WBO | 7,100 |
| First Axle to Mid Point of Tandem | WBM | 6,450 |
| Front overhang | FOH | 2,510 |
| Rear overhang | ROH | 2,600 |
| Bumper — back of cab | BBC | 1,890 |
| Cab — axle | CA | 6,070* |
| Cab to end of frame | CE | 8,670* |
| Overall length | OAL | 10,560 |
| Twin Steer Spacing | TSS | 2,000 |
| Tandem Axle Spacing | TAS | 1,300 |
| Wheel Base as Shown | WB | 5,450 |

*CA and CE dimensions are effectively reduced by 300 mm with fitment of vehicle exhaust pipe & protector.

Widths:

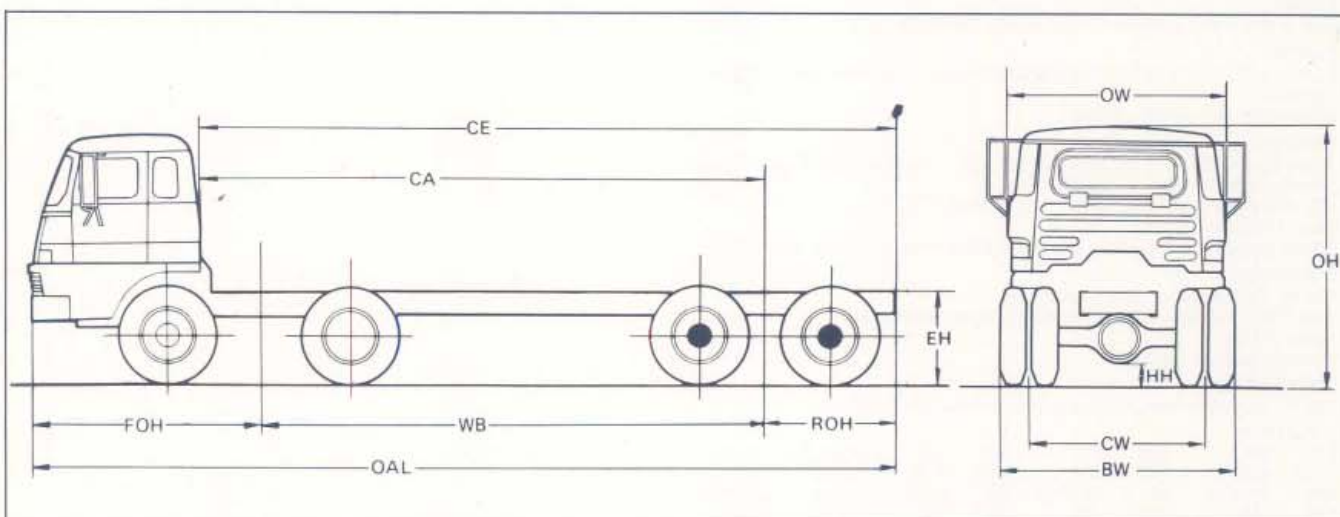
| Frame width (rear) | FW | 811 |
|--------------------|-----|-------|
| Front track | FT | 2,050 |
| Inside rear track | IRT | 1,510 |
| Outside rear track | ORT | 2,170 |
| Overall width | OAW | 2,450 |

Heights:

| Overall cab height | OAH | 2,767 |
|----------------------------------|-----|-------|
| Front axle clearance APPROX. | A | 245 |
| Rear axle clearance APPROX. | B | 255 |
| Frame height @ CL axle (APPROX.) | FH | 1,030 |

Turning Circle:

| | metres |
|--------------|--------|
| Kerb to kerb | 21.8 |



| ESTIMATED KERB WEIGHT CHASSIS/CAB (kg) | | | GROSS VEHICLE MASS (kg) | | | GCM (kg) |
|--|------|-------|-------------------------|----------|--------|----------|
| Front | Rear | Total | Front max | Rear max | Total | Total |
| 5450 | 3190 | 8640 | 10,200 | 17,440 | 27,000 | 38000 |