

ISUZU NPS 300

4X4



ENGINE ISUZU 4HF1

Type:	4 cylinder, four stroke, overhead camshaft, direct injection, diesel.
Bore x Stroke:	112 mm x 110 mm.
Displacement:	4334 cc.
Compression Ratio:	19.0 : 1.
Output - Power:	85 kW @ 3200 RPM (DIN Nett)
Torque:	285 Nm @ 1800 RPM (DIN Nett)

TRANSMISSION ISUZU MXA5R

- 5 speed overdrive, synchromesh with remote control short gear shift lever.
- Gear ratios (: 1)

1st	2nd	3rd	4th	5th	Rev
4.987	2.870	1.594	1.000	0.728	4.777
- Maximum geared speed 116 km/h.
- 2 speed transfer case. Ratios: High 1.000 Low 1.868
- High-low ratio lever on steering column.
- 3 piece propeller shaft, 82.6 mm diameter.
- Length: Front: 665 mm.
Rear: 1st section, 488 mm; 2nd section, 993 mm.

REAR AXLE - CAPACITY 4000 KG

- Banjo type, fully floating, single reduction. Ratio 6.142:1.
- Hypoid type ring gear, 292 mm diameter.
- Remote mounted axle breather. Oil capacity 3 litres.
- Limited slip differential.

BRAKES

- Hydraulic dual circuit, vacuum assisted, front two leading, rear dual two leading with automatic adjustment.
- Drum width 75mm front, 100 mm rear. Diameter front and rear 320 mm. Total swept area 3518 cm².
- Asbestos free lining material.
- Mechanical park brake, internal expanding at rear of transfer case. Lever beside driver's seat.
- Butterfly, vacuum controlled exhaust brake system. Activation switch on wiper/washer control stalk.
- Load sensing proportioning valve.

CLUTCH

- Hydraulic control dry single plate with diaphragm spring.
- Asbestos free clutch plate 300 mm diameter. Total lining area 847 cm².

MODEL	WHEELBASE	GVM	GCM	ORDERING CODE
NPS 300 4X4	3400mm	6000kg	8000kg	8NW02-221

KERB MASS (kg)*

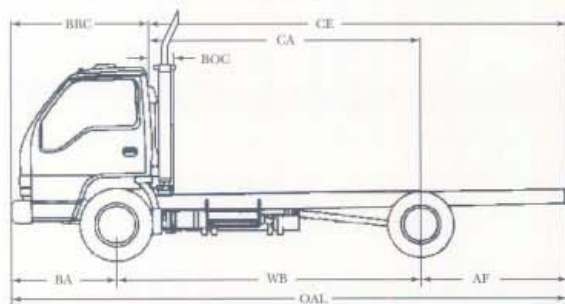
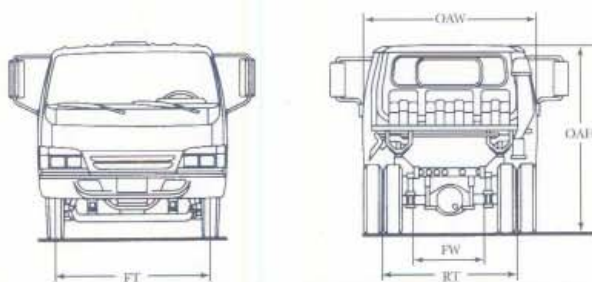
	Front	Rear	Total
NPS 300 4X4	1,740	880	2,620

*Estimated mass of chassis cab with oil, water and full fuel tank. Excluding spare wheel and tools.

DIMENSIONS (mm) *

	NPS 300 4X4
BBC Bumper to Back of Cab	1600
CE Cab to End of frame	4345
CA Cab to Axle	2850
BOC Back of Cab to Air/Exhaust Clearance	200
BA Bumper to front Axle	1060
WB Wheelbase	3400
OAL Overall Length	5955
AF Rear Axle to end of Frame	1495
OAW Overall Width	1995
OAH Overall Height	2525
FW Frame Width	750
RT Rear Track	1525
FT Front Track	1665
Turning Circle *(Kerb to Kerb)	14.0
Nominal Max. Body Length *	4570

*Except Turning Circle: metres. *Subject to weight distribution



ISUZU GENERAL MOTORS AUSTRALIA LTD. A/N. 508-509 WARRANTY. Subject to the conditions of the IGM New Vehicle Warranty, every Isuzu N Series Truck carries a warranty which covers your vehicle for the first 24 months or 10,000 kms (whichever comes first); 2.28 months or 100,000 kms (whichever comes first); power train warranty runs concurrently with the new vehicle warranty. As from a 30 month unlimited kilometre cab-to-cab warranty. PLEASE NOTE: as the policy of IGM is one of continual product improvement, all specifications and equipment are subject to change without notice. See body illustration for standard equipment. No IGM dealer or other person is authorised to give or make any statement, assertion or undertaking in relation to the quality, performance, characteristics, description or fitness for any purpose of any IGM product or in connection with the supply of any IGM package which is an express warranty and written statement, assertion or undertaking on any of these matters given or made by IGM in its published sales literature, and the company accepts no liability for any such unauthorised action. IGM has franchised dealers in many parts of Australia, for the sale of service, parts and the provision of service in the names of IGM products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts and are equipped to provide satisfactory service. But makes no promise, other than that contained in the IGM new vehicle warranty, that such parts or services facilities will be available or available at any specific location or at any particular time. A word about the specification data. We have tried to make it as comprehensive and factual as possible. However, since the date of printing some of the information you will find here may have been updated. Also, some of the equipment shown or described through this specification sheet may have been changed and/or is available at extra cost. And the right is reserved to make changes at any time without notice, in price, colour, materials, equipment and models. Type IGM dealer has details and before ordering, you should ask further to bring you up to date.

ISUZU
RELIABILITY IS EVERYTHING

AIR CLEANER

- Cartridge type, 197 mm diameter paper element air cleaner, vertical intake stack with rain head and resonator.

CHASSIS FRAME

- Ladder type, channel section, cold riveted.
- Side member dimensions 203 mm x 65 mm x 6 mm.

COOLING SYSTEM

- Eight blade plastic cooling fan, size 430 mm diameter, with thermatic fan clutch.
- Tube and corrugated fin pressure type radiator. Size (mm) 520 h x 471 w x 35 t. Frontal area 2447 cm².

ELECTRICAL SYSTEM

- Batteries - 2 x 12 Volt - 60 Amp/h, negative earth.
- Alternator - 24 Volt - 50 Amp.
- Starter motor - 24 Volt - 4.0 kW output.
- Rear stop and tail lamps with long leads for variable body mounting.
- Reverse warning beeper and lamps.

EXHAUST SYSTEM

- Horizontal exhaust muffler with vertical exhaust stack.
- Vacuum operated, butterfly type exhaust brake.

FRONT AXLE - CAPACITY 2600 KG

- Banjo type, fully floating with Birfield type steering ball joint, manual locking free wheeling hubs. Ratio 6.142:1.
- Hypoid type ring gear: 244 mm diameter.
- Remote mounted axle breather.
- Brush guard steering protector.

FRONT SUSPENSION - CAPACITY 2600 KG

- Semi elliptical, alloy steel, tapered multi-leaf springs, with fully wrapped eye.
- **Length x Width x Thickness x No. leaves**
1200 mm x 70 mm x 10 mm x 7
- Stabiliser bar.
- Hydraulic, double acting, telescopic shock absorbers, bias mounted.

FUEL SYSTEM

- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor. In line paper filter. Fuel/water sedimentor with warning lamp.
- Fuel tank capacity 115 litres.

LUBRICATION

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Plate type oil cooler in water jacket. Capacity 8.3 litres including filters..

REAR SUSPENSION - CAPACITY 4000 KG

- Semi elliptical, alloy steel, tapered multi-leaf springs, with fully wrapped eye.
- **Length x Width x Thickness x No. leaves**
Main: 1300 mm x 70 mm x 10 mm x 7
Aux: 970 mm x 70 mm x 10 mm x 5
- Hydraulic, double acting, telescopic shock absorbers, bias mounted.

STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 20.9:1. Turns lock to lock 5.0.
- Steering lock.
- Gear driven vane type oil pump, oil capacity 1.6 litres.

TOOLS

- Wheel changing tools including 5000 kg capacity hydraulic jack.
- Hand tools in kit bag.

WHEELS AND TYRES

- 6.00GS x 16 - 6 stud disc wheel, 20 mm stud size.
- 7.50R16LT - 10 ply (Olympic Steeltrek) tyres. (On-off road tread pattern.)
- Number of tyres, 7 including spare.
- Winch type spare wheel carrier at rear of chassis.

CAB EXTERIOR

- All steel cab, manual tilt to 45°.
- Aluminium non-slip entry steps.
- West Coast type rear view mirrors with clearance lamps. Convex mirror surface on passenger side.
- Access to fluid checks without tilting cab.
- Front panel grab handles and bumper bar step holes for easy windscreen cleaning.
- Tinted, laminated windshield, bonded in position, 2 speed wiper/4 jet washer with intermittent mode.
- 4 rectangular semi-sealed beam headlamps.
- Combination turn signal and park lamps.
- Plastic wheel house liner.
- Cab roof air vent with fore and aft tilt.
- Engine access hatch in floor.

CAB INTERIOR

- Adjustable, reclining driver's bucket seat with lumbar support. 2 place passenger bench seat, with folding back.
- Fire resistant vinyl seat material.
- Retractable lap/sash seat belts on outboard seats, lap belt on inboard seat.
- Driver and passenger sun visors, padded roof lining.
- 90° opening, internally reinforced doors, double sealed.
- Tilt/telescopic adjustable steering column with soft feel urethane steering wheel.
- Easy entry grab handles on 'A' pillar.
- Windshield washer tank located under glove compartment.
- Heater demister with 4 speed fan.
- AM/FM Stereo radio cassette with digital clock, dash mounted.
- Windshield header shelf.
- Rear vision mirror.
- Passenger side cantrail assist grip.
- Centre facia pull-out drinks holder.
- Centre and driver's side ash trays.
- Glove compartment.
- Easy access to fuse panel behind glove compartment door.
- Optional air conditioning.

INSTRUMENTATION

- Electronically driven speedometer with odometer and trip meter.
- Tachometer, electronically driven.
- Gauges for coolant temperature and fuel level.

INDICATOR LAMPS

- Turn signals, parking brake on, high beam on, exhaust brake activated, 4 wheel drive engaged.

WARNING LAMPS

- Battery charge, oil pressure, brake failure, fuel level, glow plug and water separator.

CONTROLS

- Driver's side interior lamp switch.
- Left side combination stalk control for exhaust brake, wipers and washer. Intermittent wipe, washer activated.
- Right side combination stalk control for turn signals and headlamps.
- Hazard switch.
- 4 wheel drive engagement switch.
- Key operation for engine stop/start with quick cold start aid.
- Three way switch for interior lamp activated by driver and passenger doors.
- Fast engine idle control.

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