ISUZU N Series

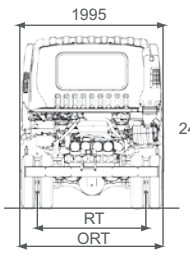
GEN 6

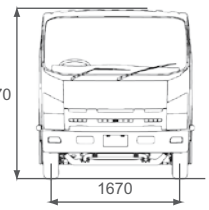
FUTURE DRIVEN

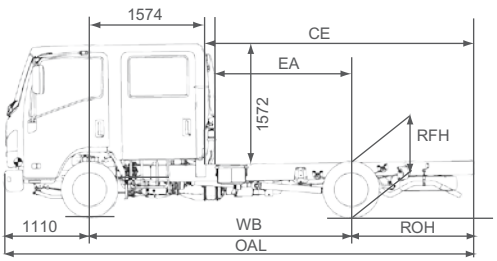
"Actual mirrors differ to those shown"

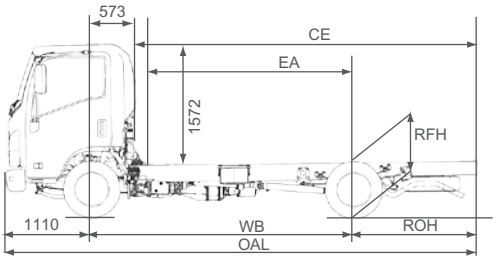
ISUZU NPS250/300

Model	NPS250	NPS300	NPS250C	NPS300C
Code	NP121	NP122	NP123	NP124
Configuration	4 x 4			
Gross Vehicle Mass	4,500Kg	6,500Kg	4,500Kg	6,500Kg
Gross Combination Mass	8,000Kg	10,000Kg	8,000Kg	10,000Kg
Maximum towed mass braked	3,500 Kg			
Maximum towed mass unbraked	750 Kg			
Gradeability at GVM (1st gear)	61% / >100%	36% / 94%	61% / >100%	36% / 94%
Gradeability at GCM (1st/low)	27% / 64%	20% / 46%	27% / 64%	20% / 46%
Est. Engine RPM @ 90 Km/h	2255			
Turning circle kerb to kerb (m)	13.6			
DRIVELINE SPECIFICATIONS				
Engine Model	4HK1-TCN			
Type	4 cylinder 16 valve, gear driven SOHC. Euro IV exhaust emission compliant			
Displacement (cc)	5,193			
Compression ratio	17.5:1			
Max power (DIN Nett)	114kW 155PS (JIS Gross 118kW, 160PS) @ 2600 RPM			
Max torque (DIN Nett)	419N.m (JIS Gross 434N.m) @ 1,600 – 2,600 RPM			
Transmission model	MYY5T			
Forward gears	5			
KERB MASS* (kg)				
Front	1,870		2,040	
Rear	970		1,030	
Total	2,840		3,070	
* Cab chassis as supplied from the factory and including 10 L of fuel				
DIMENSIONS (mm)				
WB: Wheelbase	3,395			
OAL: Overall length	6,015			
EA: Rear of engine to rear axis	2,710		1,730	
CE: Cab to rear of frame	4,332		3,331	
ROH: Rear overhang	1,510			
RT: Rear track	1,650			
ORT: Overall rear tyres	2,120			
FW: Frame width @ Rear	850			
RFH: Frame height at rear axis	950			
BOC: Back of Cab Clearance	112		91	









ISUZU NPS250/300

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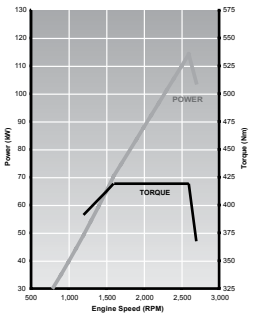
Drive Line Specifications

Engine-ISUZU 4HK1--TCN
- Bore x Stroke 115mm x 125mm



Emission control system
- Euro IV with cooled Exhaust Gas recirculation and Diesel Particulate Diffuser (DPD)

Lubrication
- Spin on element oil filter
- Plate type oil cooler
- System capacity approx 13 litres

Cooling system
- Temperature controlled viscous fan hub
- Approx coolant capacity 18 litres

Fuel System
- Electronically controlled, direct injection high pressure common rail
- Lockable fuel cap
- Steel fuel tank capacity 140 litres
- Water in fuel sensor

Air Intake System
- Electronically controlled variable nozzle turbo charger with Air to Air Intercooler
- Rear of cab vertical air intake

Clutch
- Auto adjusting hyudraulic control with vacuum assistance.
- Single plate 325mm diameter
- Total lining area 966 cm2

Transmission: MYY5T
- 5 speed manual, syncromesh on gears 1 through 5
- PTO provision on LHS of the transmission case countershaft driven.
- Approx oil capacity 2.8 litres

Ratios :1
1st 5.315, 2nd 3.3.053, 3rd 1.655
4th 1.00, 5th .721, rev 5.068

Transfer Gearbox
- Part time 4WD
- High ratio 1.00:1, Low ratio 1.842:1
- Approx oil capacity 2.0 litres

Front Axle: ISUZU FD028
- Full floating Banjo type, Birfield outer joints and manual lock front hubs
- Capacity 2,800Kg

Rear Axle: ISUZU RO66
- Full floating Banjo type
- Capacity 6,600Kg
- 320mm diameter ring gear
- Limited slip differental
- Approx oil capacity 4.3 litres
- Ratio; 5.125

Load limit Kg (on ground)

Front	Rear
2,800	5,600

Chassis Specification

Front Suspension
- Single stage, alloy steel,multi leaf spring and helper Main 1300x70x11-4,1 constant 154 N/mm Helper 520x70x16-1 combined 207N/mm
- Stabiliser bar
- Double acting hydraulic Shock absorbers

Rear Suspension
- MLS main, MLS helper Main 1300x70x11-4,10-1,constant 176N/mm Helper 850x70x9-7 combined 548N/mm
- Double acting hydraulic shock absorbers

Steering
- Power assisted recirculating ball
- Gear ratio 20.9:1
- Turns lock to lock 3.7

Brakes
- Front and rear drum brakes with dual circuit hydraulic control,vacuum assistance and load sensing proportioning valve
- Front drum size 320 x 75mm
- Rear drum size 320mm x 100mm
- 190mm diameter drum rear of transmission mounted park brake
- Vacuum controlled exhaust brake

Chassis Frame
- Cold rivetted ladder frame, SAPH440 weldable steel and parallel side members
- Frame side rail dimensions(mm) 216x70x6
- *Please refer to the Isuzu Body Builders guide for chassis modifications and body fitment*

Wheels and Tyres
- 17.5x6x127mm six stud steel wheels
- 8.5R 17.5 121/120L tubeless tyres
- Painted silver
- Frame mounted spare wheel and tyre

Electrical System
- 24 volt negative earth system
- Alternator 50 amp
- Battery 2 x 80D26L, 582CCA @-18c

Cabin Specifications

Cab Exterior
- All steel construction, high tensile steel used for cab underframe and door side impact beam reinforcement.
- Single cab; Manual cab tilt to 45° with torsion bar assistance
- Single cab; Liquid filled front and rear cab mounts
- Crew cab; rubber cab mounts
- 70° opening doors
- Cab mounted front of cab main mirrors
- Polycarbonate bumper with steel backing frame
- Halogen multi reflector headlamps incorporating turn signal, additional door mounted side indicator lamps
- Roof mounted end position lamps
- Combination brake, turn, reverse and marker lamps, registration plate lamps, extended wiring harness, reverse alarm

Cab Interior
- Contoured adjustable driver's bucket seat
- Passenger front bench seat with 2 seat capacity
- 4 seat rear bench seat
- 3 point ELR seatbelts in all outboard seating positions, drivers seatbelt fitted with pretensioner
- Lap belt in other seating positions
- Driver side SRS including air bag
- Crew cab;engine access provided under removable drivers seat base and tiltable front passenger seat
- Door and roof pillar entry assist grips
- Crew cab; full width rear grab rail
- Lined cab interior, padded roof lining and vinyl floor coverings
- LH and RH overhead storage shelf
- Height/reach adjustable steering column, soft feel urethane steering wheel
- Single cab;Electric windows, Crew cab;manual
- Single cab; engine immobliser, central locking with remote keyless entry.
- Crew Cab;engine immobliser, manual door locks
- Twin cup holders, 24v cigarette lighter.
- Door mounted storage pockets
- LH side glove box
- Interior light
- Intergrated air conditioning with 4 speed fan
- Radio/single disc CD with 2 speakers and auxillary input jack port
- 5 DIN sized compartments for storage or additional communication units

Instrument & Controls
- Speedometer with digital odometer and two tripmeters
- Tachometer, engine coolant temperature and fuel level gauges
- Two speed wipers with intermittent wipe mode
- Key operated engine start/stop and steering lock
- High/low range and 4wd engage switches
- DPD manual regeneration switch
- LH combination stalk: windscreen wipers,washers and exhaust brake
- RH combination stalk: turn signals and headlamps
- Warning lamps: check eng, oil pressure, SRS alternator charge, service brakes,park brake seat belt unbuckled, water in fuel
- Indicator lamps: Warm up system, high beam, DPD status, exhaust brake, turn signals, low range engaged, 4wd engaged

Warranty
Vehicle: 36 months/100,000kms*
Corrosion (Perforation): 36 months
* Which ever occurs first. Subject to the terms & conditions detailed in the Owners manual Service and Supplement

Please refer to the Owners and Drivers Manual for more detailed operation, driving instructions and warnings

A policy of continual improvement means that the specifications are subject to change without notice. Contact your Isuzu dealer to confirm specifications