

ISUZU N Series



FUTURE DRIVEN



"Actual mirrors differ to those shown"

ISUZU NPR325/350

Model	NPR325M	NPR325M AMT	NPR350M	NPR350M AMT	NPR325C	NPR325C AMT	NPR350C	NPR350C AMT
Code	NP109	NP110	NP111	NP112	NP113	NP114	NP115	NP116
Configuration	4 x 2							
Gross Vehicle Mass	5,995 Kg		6,500 Kg		5,995 Kg		6,500 Kg	
Gross Combination Mass	9,495 Kg		10,000Kg		9,495 Kg		10,000Kg	
Maximum towed mass braked	3,500 Kg							
Maximum towed mass unbraked	750 Kg							
Gradeability at GVM/GCM (1st gear)	40/21%		36/20%		40/21%		36/20%	
Est. Engine RPM @ 90 Km/h	2085							
Turning circle kerb to kerb (m)	12.4				15.3			

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	MYY6S							
Forward gears	6							

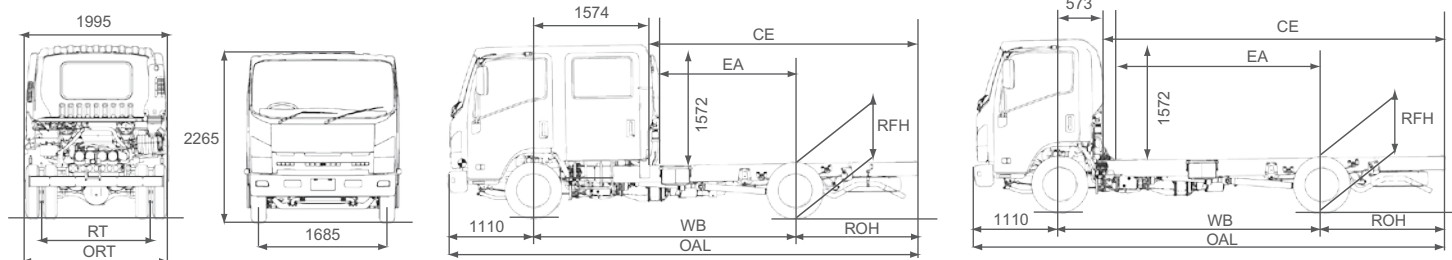
KERB MASS* (kg)

Front	1,740	1,760	1,740	1,760	1,965	1,985	1,965	1,985
Rear	870	910	870	910	925	965	925	965
Total	2,610	2,670	2,610	2,670	2,890	2,950	2,890	2,950

* Cab chassis as supplied from the factory and including 10 L of fuel

DIMENSIONS (mm)

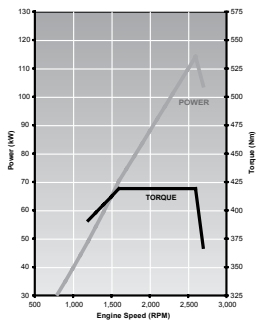
WB: Wheelbase	3,365		4,175	
OAL: Overall length	5,985		7,338	
EA: Rear of engine to rear axis	2,680		2,510	
CE: Cab to rear of frame	4,302		4,654	
ROH: Rear overhang	1,510		2,053	
RT: Rear track	1,650			
ORT: Overall rear tyres	2,115			
FW: Frame width @ Rear	850			
RFH: Frame height at rear axis	800			
BOC: Back of Cab Clearance	112		91	



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
- Water in fuel sensor
- Lockable fuel cap
- Steel fuel tank capacity 140 litres

Air Intake System

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

Clutch (manual models)

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

AMT

- Fully automated hydraulically controlled wet clutch and fluid coupling with lock up and oil to air cooler
- Approx system capacity 6.6 litres

Transmission: MYY6S Manual models

- 6 speed manual synchromesh on gears 1 through 6
- PTO provision on LHS of the transmission case countershaft driven.
- Approx oil capacity 3.5 litres

Ratios :1

- 1st 5.979, 2nd 3.434, 3rd 1.862
- 4th 1.297, 5th 1.00, 6th .750, Rev 5.701

Transmission MYY6S AMT models

- 6 speed Automated Manual Transmission with both fully automatic and sequential shift manual modes
- PTO provision on LHS of the transmission case countershaft driven.
- Approx oil capacity 3.5 litres

Ratios :1

- 1st 5.979, 2nd 3.434, 3rd 1.862, 4th 1.297
- 5th 1.00, 6th .750, Rev 5.701

Front Axle: ISUZU F031

- Reverse Elliot I Beam
- Capacity 3,100Kg

Rear Axle: ISUZU RO66

- Full floating Banjo type
- Capacity 6,600Kg
- 320mm diameter ring gear
- Approx oil capacity 4.3 litres
- Ratio 4.30:1

Load limit Kg (on ground)

Front	Rear
3,100	6,000

Chassis Specification

Front Suspension

- Single stage, alloy steel, multi leaf 1300x70x10-2-1, 11-3, constant 148 N/mm
- Stabiliser bar
- Double acting hydraulic Shock absorbers

Rear Suspension

- MLS main, MLS helper
- Main 1300x70x10-1, 11-4, constant 175N/mm
- Helper 850x70x9-5, 8-1 combined 553N/mm
- Stabiliser bar
- Double acting hydraulic shock absorbers

Steering

- Power assisted recirculating ball
- Gear ratio 20.9:1
- Turns lock to lock 5.4

Brakes

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and Electronic Brake distribution
- ABS and ASR (traction control)
- Hill Start Aid - except AMT
- Front discs 293mm x 40mm, ventilated
- Rear drum 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

- 17.5x6.0x127mm six stud steel wheels
- 205/75R17.5 124/122M tubeless tyres
- Wheels 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 45o with torsion bar assistance
- Single cab; Liquid filled front and rear cab mounts
- Crew cab; rubber cab mounts
- Heavy duty non slip cab entry steps
- 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
- Seat 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
- Electric windows
- Central locking with remote keyless entry and engine immobiliser
- 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 auxiliary input jack port
- 5 DIN sized compartments for storage or additional communication units

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

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
- HSA slow/fast engagment control and on/off switch - except AMT
- ASR on/off switch
- DPD manual regeneration switch
- Cruise control - AMT only
- Multi display - AMT only
- AMT: slow/fast clutch re-engagement control, 1st gear selection, economy mode
- LH combination stalk: windscreen wipers, washers and exhaust brake
- RH combination stalk: turn signals and headlamps cruise control - AMT only
- Warning lamps: check eng, oil pressure, ABS, SRS alternator charge, service brakes, park brake seat belt unbuckled, check AMT - AMT only, water in fuel
- Indicator lamps: HSA-except AMT, warm up system, high beam, ASR, DPD status, exhaust brake, turn signals
- AMT: econo mode, 1st gear start, gear selection display
- Multi display: (AMT only) shows service interval, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date and 40 - 120km/h adjustable vehicle speed warning

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