



Actual mirrors differ to those shown

MAIN SPECIFICATIONS

Model	NQR500M	NQR500M AMT	NQR500L	NQR500L AMT	NQR500C	NQR500C AMT
Code	NQ101	NQ102	NQ103	NQ104	NQ105	NQ106
Configuration	4 x 2					
Gross Vehicle Mass	8,700 Kg					
Gross Combination Mass	12,200 Kg					
Maximum towed mass braked	3,500 Kg					
Maximum towed mass unbraked	750 Kg					
Gradeability at GVM/GCM (1st gear)	29/18%	31/19%	29/18%	31/19%	29/18%	31/19%
Est. Engine RPM @ 90 Km/h	1930	2025	1930	2025	1930	2025
Turning circle kerb to kerb (m)	12.4			16.4		

DRIVELINE SPECIFICATIONS

Engine Model	4HK1-TCC					
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)	139kW 189PS (JIS Gross 144kW, 196PS) @ 2600 RPM					
Max torque (DIN Nett)	510N.m (JIS Gross 528N.m) @ 1,600 – 2,600 RPM					
Transmission model	MZZ6F					
Forward gears	6					

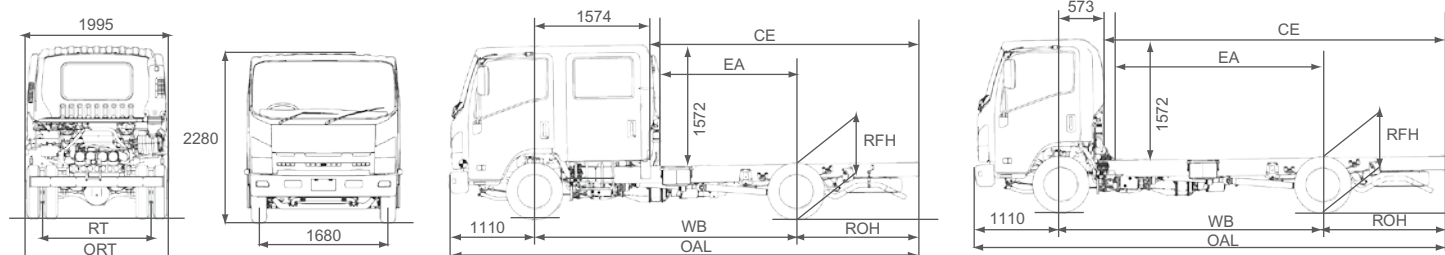
KERB MASS* (kg)

Front	1,850	1,870	1,910	1,930	2,070	2,090
Rear	995	1,035	1,040	1,080	1,110	1,120
Total	2,845	2,905	2,950	3,010	3,180	3,210

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

DIMENSIONS (mm)

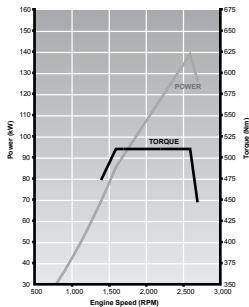
WB: Wheelbase	3,365	4,475	
OAL: Overall length	5,985	7,804	
EA: Rear of engine to rear axis	2,680	3,790	2,810
CE: Cab to rear of frame	4,302	6,121	5,120
ROH: Rear overhang	1,510	2,219	
RT: Rear track	1,670		
ORT: Overall rear tyres	2,150		
FW: Frame width @ Rear	850		
RFH: Frame height at rear axis	820		
BOC: Back of Cab Clearance	112	91	



Drive Line Specifications

Engine-ISUZU 4HK1--TCC

- 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

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: MZZ6F 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 6.369, 2nd 3.767, 3rd 1.996,

4th 1.355, 5th 1.00 6th .782 Rev 6.369

Transmission MZZ6F 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 6.369, 2nd 3.767, 3rd 1.996, 4th 1.355
 5th 1.00, 6th .782, 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; Man 4.10:1, AMT 4.30:1

Load limit Kg (on ground)

Front	Rear
3,100	6,200

Chassis Specification

Front Suspension

- Single stage, alloy steel, multi leaf
 1300x70x11-4, 10-2, constant 163 N/mm
- Stabiliser bar
- Double acting hydraulic Shock absorbers

Rear Suspension

- MLS main, MLS helper
 Main 1300x70x11-4, 12-2, constant 205N/mm
 Helper 850x70x9-7 combined 688N/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, hydraulic pressure assistance and Electronic Brake Distribution
- ABS and ASR (traction control)
- Hill Start Aid - except AMT
- Front discs 363mm x 42mm, ventilated
- Rear drum 370mm x 150mm
- 203mm diameter drum rear of transmission mounted park brake
- Vacuum controlled exhaust brake

Chassis Frame

- Cold rivetted ladder frame. SAPH440 weldable steel 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

- 19.5x6.00x127mm six stud steel wheels
- 225/70R19.5 125/123L tubeless tyres
- Wheels painted white
- 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
- 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
- Lap seat 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 engagement 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
- 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