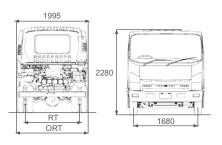


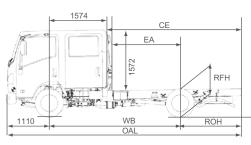


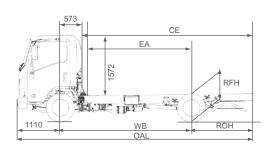
ISUZU NQR500

"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					
Туре	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







ISUZU

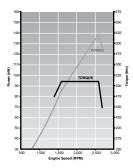
NQR500



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

Front Suspension

Stabiliser bar

Rear Suspension

Stabiliser bar

Gear ratio 20.9:1 · Turns lock to lock 5.4

Steering

MLS main, MLS helper

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

Single stage, alloy steel, multi leaf

1300x70x11-4,10-2,constant 163 N/mm

Double acting hydraulic Shock absorbers

Main 1300x70x11-4,12-2,constant 205N/mm

Helper 850x70x9-7 combined 688N/mm

Double acting hydraulic shock absorbers

Power assisted recirculating ball

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

- 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 syncromesh 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
- · 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

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

- 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

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

- 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
- auxillary 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

- ASK offoli switch
 DPD manual regeneration switch
 Cruise control AMT only
 Multi display AMT only
 AMT: slow/fast clutch re-engagement control, 1st
 gear selection,ecomory 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
- 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