AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

NQR 450
NQR 450 Crew

AT A GLANCE

GVM 8,700 kg
GCM 12,200 kg
Power 139 kW @ 2,600 rpm
Torque 510 Nm @ 1,600 - 2,600 rpm

UPGRADE OPTIONS

Premium Pack: Automated Manual Transmission (AMT), Instrument panel multi-information display, Cruise control, Auto control for air conditioning, Front foglamps, Chrome grille, Driver suspension seat - except crew and engine access hatch models

ADVANCED TECHNOLOGY

Emissions: Euro V / ADR 80/03
Meets EEV emissions standard
Driver and passenger airbag with seatbelt pretensioner
ECE-R29 compliant cab
Anti-lock Braking System (ABS)
Anti Skid Regulator (ASR)
Hill Start Aid (HSA) - except premium pack
Electric mirrors
Front and rear stabiliser bars
Driver suspension seat - premium pack, except crew and engine access hatch models
Cornering lamps

TIC: Isuzu is a member of the Truck Industry Council - Safer Greener Essential.
DRIVELINE AND CHASSIS SPECIFICATIONS

ENGINE: SITEC SERIES III 185 (ISUZU 4HK1-TCC)

- **Type:** 4 cylinder 16 valve SOHC
- **Displacement:** 5,193 cc
- **Compression ratio:** 17.5:1
- **Bore x Stroke:** 115 mm x 125 mm
- **Max power (DIN - NET):** 139 kW (186 HP) @ 2,600 RPM
  - **(JIS Gross):** 144 kW (193 HP) @ 2,600 RPM
- **Max torque (DIN - NET):** 510 Nm (376 lb.ft) @ 1,600 - 2,600 RPM
  - **(JIS Gross):** 528 Nm (389 lb.ft) @ 1,600 - 2,600 RPM
- **Induction system:** Electronically controlled variable nozzle turbocharger with air-to-air intercooler.
- **Fuel injection:** Direct injection high pressure common rail system.
- **Emission control system:** Cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (Euro V) compliant. EEV compliant.

CLUTCH

- **Standard model:**
  - Auto adjusting hydraulic control with vacuum assistance. Single plate 325 mm diameter.
  - Total lining area: 966 cm²
- **Premium Pack:**
  - Fully automated hydraulically controlled wet clutch and fluid coupling with lock up.

TRANSMISSION

Isuzu MZZ-6F

- **PTO provision on LHS of transmission case. PTO drive from counter gear.**
- **Gear ratios (1:1)**
  - 1st  2nd  3rd  4th  5th  6th  Rev
  - 6.369  3.767  1.966  1.355  1.000  0.782  6.369
- **Standard model:**
  - 6 speed manual. Synchronesh on gears 1-6.
- **Premium Pack:**
  - 6 speed Automated Manual Transmission (AMT) with both fully automatic and clutchless manual operation modes.

AXLES

- **Front:** Isuzu F031
  - Reverse Elliot I-beam. 3,100 kg capacity.
- **Rear:** Isuzu R066
  - Full floating Banjo type. Four differential pinions. 6,600 kg capacity.
  - Drive ratio: 4.100:1 (standard model), 4.300:1 (premium pack)

SUSPENSION

- **Front:**
  - Single cab: Single stage alloy steel taper leaf springs.
  - Crew cab: Single stage alloy steel multi leaf springs.
  - Double acting hydraulic shock absorbers. Stabiliser bar.
- **Rear:**
  - Multi leaf main spring, multi leaf helper spring.
  - Double acting hydraulic shock absorbers. Stabiliser bar.

BRAKES

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, hydraulic pressure assistance and electronic brake force distribution (EBD).
- ABS and ASR traction control.
- Hill Start Aid (HSA) - except premium pack.
- Front disc diameter: 363 mm
- Rear drum size: 370 x 150 mm
- 203 mm diameter drum park brake mounted on rear of transmission.
- Vacuum controlled exhaust brake.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 20.9:1
- Turns lock to lock: 5.4
- Maximum angle: 43° (inside wheel) / 33° (outside wheel)

WHEELS AND TYRES

- 19.5 x 6.00 six stud steel wheels.
- 225/70R 19.5 125/123L Michelin XZE Tubeless.
- Maximum tyre rating:
  - Steer axle: 3,300 kg
  - Drive axle: 6,200 kg
- 1 frame mounted spare wheel and tyre assembly.

CHASSIS FRAME

- Cold riveted ladder frame. SAPH440 weldable steel sidemembers. Parallel side rails and rivetless top flange.
- Frame dimensions:
  - Side rail (mm): 216 x 70 x 6.0
  - Rear frame width (mm): 850
Fuel Tank
• Frame mounted 140L steel fuel tank.
• Lockable fuel cap.

Cabin Specifications and Appointments

CAB INTERIOR
• Contoured adjustable driver’s bucket seat. Premium pack, except crew and engine access hatch models: includes mechanical suspension.
  • Front passenger bench seat with 2 seat capacity.
  • Crew cab/Engine access hatch: Engine access provided under removable driver seat base and tiltable front passenger seat.
  • Crew cab: Rear bench seat with 4 seat capacity.
  • 3-point lap and seatbelt in all outboard seating positions. Driver and outboard front passenger seatbelt fitted with pretensioner. Centre seat lap belts.
  • Driver and outboard front passenger airbag.
  • Premium Pack: Driver’s footrest.
  • Door and roof pillar entry assist grips. Crew cab: Full width rear grab rail with ashtray.
  • Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreens and frames.
  • Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
  • Electric windows.
  • Central locking with remote keyless entry and immobiliser.
  • Twin cup holders. 24V cigarette lighter, Dashboard hook.
  • Front door mounted storage pockets and driver’s side ashtray.
  • Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
  • Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windshield, side windows, face and floor. Except Premium Pack: Manual control.

Electrical System
• 24 volt electrical system.
• 80 amp alternator.
• 4.5 kW starter motor.
• 2 x 80D26L (630 CCA) batteries connected in series.

CAB EXTERIOR
• All steel construction. High tensile steel used for cab underframe.
  • Single cab: Manual cab tilt to 45° with torsion bar assistance.
  • Crew cab/Engine access hatch: Fixed cab mounting.
• Complies with ECE-R29 cab strength standard.
• Single cab: Liquid filled front and rear cab mounts.
• Crew cab/Engine access hatch: Rubber cab mounts.
• Heavy duty non slip entry steps.
• 90° opening internally reinforced front doors.
• Water spray suppression guards and front mudflaps.
• Laminated windscreens with shade band.
• Two speed windscreen wipers with intermittent wipe mode.
• Halogen multi-reflector headlamps incorporating turn signals. Additional door mounted integrated side indicator/cornering lamps.
• Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
• Roof-mounted clearance lamps.
• Heated and powered exterior main mirrors with flat glass and additional independently adjustable convex “spot” mirrors.
• Body coloured impact resisting polycarbonate bumper with steel backing frame. Premium Pack: Includes front foglamps.

Instrumentation
• Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.
• Warning lamps: Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seat belt unfastened, low fuel level.
• Premium Pack: Check AMT.
• Indicator lamps: HSA (except premium pack), warm up system, high beam, ASR, DPD status, exhaust brake, turn signals. Premium Pack: Cruise control, econo-mode, 1st gear start.
• Premium Pack: Gear selection display.
• Premium Pack: Multi-information display. Shows service interval, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date and includes 40-120 km/h adjustable vehicle speed warning.

Options and Genuine Accessories
Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

Digital Audio Visual Entertainment unit:
• Isuzu satellite navigation including three years of free updates.
• Up to four reversing cameras - one with audio for reversing. Reversing sensors.
• Tyre pressure monitoring system.
• Cables for full iPod/iPhone/iPad compatibility and connection to other external audio visual devices.

Other:
• Airbag compatible bullbar.
• 3,500kg rated towbar.
• Air deflector.

Isuzu Care
Isuzu Care gives truck owners access to products and services including Roadside Assist, Service Agreements, Extended Care, Extended Isuzu Assist and the Isuzu Care Centre. Call 1800 035 640.
Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu NQR models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 100,000 km or 2,000 hrs (whichever comes first). (ii) against cab perforation corrosion, for 36 months and unlimited kilometres.

Extended Warranty as illustrated may be purchased to cover the owner against the failure of original components, but may exclude some components and expendable items such as oil, filters, etc. *Valid for three years from the date of new vehicle purchases. All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer law including customer guarantees. For more details visit the Isuzu website which explains Isuzu warranties in more detail, or alternatively contact your local dealer. All warranties commence from date of delivery.

ISUZU AUSTRALIA LIMITED ABN 97 006 962 572 (“IAL”). The information in this spec sheet was correct at time of printing, but all measurements, specifications and equipment are subject to change without notice. Some equipment may have been changed and/or is available at extra cost. IAL may make changes at any time without notice, in prices, colours, materials, equipment and models. IAL makes all reasonable attempts to ensure the availability of all vehicles and equipment. The information in this spec sheet is general in nature. Your Isuzu dealer can confirm all measurements, specifications and vehicle / equipment availability upon request. To the extent permitted by the law, IAL is not liable to any person as result of reliance on the content of this spec sheet.

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### WEIGHTS (kg)

<table>
<thead>
<tr>
<th>Models</th>
<th>Ratings*</th>
<th>Loading Limit* (at ground)</th>
<th>Cab Chassis Mass #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GVM</td>
<td>GCM</td>
<td>Front</td>
</tr>
<tr>
<td>NQR 450 Medium</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
<tr>
<td>NQR 450 Medium Premium</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
<tr>
<td>NQR 450 Long</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
<tr>
<td>NQR 450 Long Premium</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
<tr>
<td>NQR 450 Crew</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
<tr>
<td>NQR 450 Crew Premium</td>
<td>8,700</td>
<td>12,200</td>
<td>3,100</td>
</tr>
</tbody>
</table>

Maximum Gross Trailer Mass: 750 kg (unbraked), 3,300 kg (braked). * Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application. Cab chassis only as supplied and including 10 litres of fuel.

### DIMENSIONS (mm)

<table>
<thead>
<tr>
<th>Models</th>
<th>WB</th>
<th>OAL</th>
<th>FOH</th>
<th>ROH</th>
<th>EA</th>
<th>CE</th>
<th>RT</th>
<th>ORT</th>
<th>CH</th>
<th>FFA (unladen)</th>
<th>RFA (unladen)</th>
<th>RFH (unladen)</th>
<th>KERB TO KERB</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQR 450 Medium</td>
<td>3,365</td>
<td>5,985</td>
<td>1,110</td>
<td>1,510</td>
<td>2,880</td>
<td>4,302</td>
<td>1,670</td>
<td>2,150</td>
<td>710</td>
<td>815</td>
<td>855</td>
<td>12.4</td>
<td></td>
</tr>
<tr>
<td>NQR 450 Long</td>
<td>4,475</td>
<td>7,804</td>
<td>1,110</td>
<td>2,219</td>
<td>3,790</td>
<td>6,121</td>
<td>1,670</td>
<td>2,150</td>
<td>710</td>
<td>815</td>
<td>865</td>
<td>16.4</td>
<td></td>
</tr>
<tr>
<td>NQR 450 Crew</td>
<td>4,475</td>
<td>7,804</td>
<td>1,110</td>
<td>2,219</td>
<td>2,810</td>
<td>5,120</td>
<td>1,670</td>
<td>2,150</td>
<td>700</td>
<td>820</td>
<td>875</td>
<td>16.4</td>
<td></td>
</tr>
</tbody>
</table>

### PERFORMANCE (calculated - typical paved road)

<table>
<thead>
<tr>
<th>Models</th>
<th>Gear Speed* (top gear at peak power engine RPM)</th>
<th>Low Speed Gradeability (lowest forward gear assuming no wheel slip)</th>
<th>Engine Speed (top gear at 100km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQR 450 Medium</td>
<td>At 8,700 kg GVM 121 km/h @ 2,600 RPM</td>
<td>35%</td>
<td>2.145 RPM</td>
</tr>
<tr>
<td>NQR 450 Premium Pack</td>
<td>At 8,700 kg GVM 116 km/h @ 2,600 RPM</td>
<td>37%</td>
<td>2.245 RPM</td>
</tr>
</tbody>
</table>

*Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

### ISUZU WARRANTIES

**STANDARD**

- New Vehicle: 3 years • 100,000km • 2,000 hours
- Cab Perforation Corrosion: 3 years • Unlimited km
- Isuzu Assist: 24 hour roadside assistance (3 years, unlimited km’s)*

**EXTENDED CARE**

- Extended Warranty: 5 years • 250,000km • 4,500 hours
- Isuzu Assist: 24 hour roadside assistance (5 years, unlimited km’s)

* Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu NQR models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 100,000 km or 2,000 hrs (whichever comes first). (ii) against cab perforation corrosion, for 36 months and unlimited kilometres. * Extended Warranty as illustrated may be purchased to cover the owner against the failure of original components, but may exclude some components and expendable items such as oil, filters, etc. *Valid for three years from the date of new vehicle purchases. All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer law including customer guarantees. For more details visit the isuzu website which explains Isuzu warranties in more detail, or alternatively contact your local dealer. All warranties commence from date of delivery.

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