AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

NLR 45-150

AT A GLANCE

GVM  4,500 kg
GCM  8,000 kg
Power  110 kW @ 2,800 rpm
Torque  375 Nm @ 1,600 - 2,800 rpm

OPTIONS

Automated Manual Transmission (AMT) model:
includes AMT

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)
Stability Control System (IESC)
Anti Skid Regulator (ASR)
Hill Assist - except with AMT
Electric mirrors
Cruise control
Independent front coil suspension
Cornering lamps

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

ENGINE: ISUZU 4JJ1-TCS

Type: 4 cylinder 16 valve with chain driven DOHC
Displacement: 2,999 cc
Compression ratio: 17.5:1
Bore x Stroke: 95.4 mm x 104.9 mm
Max power (DIN-NET): 110 kW (148 HP) @ 2,800 RPM
(JIS Gross): 114 kW (153 HP) @ 2,800 RPM
Max torque (DIN-NET): 375 Nm (277 lb.ft) @ 1,600 - 2,800 RPM
(JIS Gross): 388 Nm (286 lb.ft) @ 1,600 - 2,800 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 300 mm diameter.
• Total lining area: 847 cm²
With AMT:
• Fully automated hydraulically controlled wet clutch and torque converter with lock up.

TRANSMISSION

Standard model:
isUZU MYY-5T
• 5 speed manual. Syncromesh on gears 1-5.
• PTO provision on LHS of transmission case. PTO drive from counter gear.
• Gear ratios (1)

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<thead>
<tr>
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<th>1st</th>
<th>2nd</th>
<th>3rd</th>
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With AMT:
isUZU MYY-6E
• 6 speed Automated Manual Transmission (AMT) with both fully automatic and clutchless manual operation modes.
• PTO provision on LHS of transmission case. PTO drive from counter gear.
• Gear ratios (1)

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AXLES

Front: isUZU FI026
• Fully independent wishbone. 2,600 kg capacity.
Rear: isUZU R050
• Full floating Banjo type. Four differential pinions. 5,000 kg capacity.
• Drive ratio: 4:556:1 (Standard model), 4:100:1 (with AMT)

SUSPENSION

Front:
• Coil springs.
• Double acting hydraulic shock absorbers.
Rear:
• Taper leaf main, taper leaf helper spring.
• Double acting hydraulic shock absorbers.

BRAKES

• Auto adjusting front and rear disc brakes with dual circuit hydraulic control, vacuum assistance and electronic brake force distribution (EBD).
• ABS, ASR traction control, IESC stability control.
• Hill Assist - except with AMT.
• Front disc diameter: 293 mm
• Rear disc diameter: 275 mm
• 190 mm diameter drum park brake mounted on rear of transmission.
• Vacuum controlled exhaust brake.

STEERING

• Power assisted rack and pinion.
• Turns lock to lock: 4.2
• Maximum angle: 38° (inside wheel) / 34.75° (outside wheel)

WHEELS AND TYRES

• 16 x 5.5J five stud steel wheels.
• 195/75R16C 107/105R Michelin Agilis Tubeless.
• Maximum tyre rating
  Steer axle: 1,950 kg
  Drive axle: 3,700 kg
• 1 frame mounted spare wheel and tyre assembly.
**CHASSIS FRAME**
- Cold rivetted ladder frame. SAPH440 weldable steel sidemembers.
- **Frame dimensions:**
  - Side rail (mm): 180 x 65 x 4.0
  - Rear frame width (mm): 700

**FUEL TANK**
- Frame mounted steel fuel tank. 75L (short w/base), 100L (medium w/base).
- Lockable fuel cap.

**ELECTRICAL SYSTEM**
- 24 volt electrical system.
- 90 amp alternator.
- 4.0 kW starter motor.
- 2 x 80D26L (630 CCA) batteries connected in series.

**CAB EXTERIOR**
- All steel construction. High tensile steel used for cab underframe. Manual cab tilt to 45° with torsion bar assistance.
- Complies with ECE-R29 cab strength standard.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced front doors.
- Water spray suppression guards and front mudflaps.
- Laminated windscreen with shade band.
- Two speed windshield 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.
- Heated and powered exterior main mirrors with flat glass and additional independently adjustable convex “spot” mirrors.
- Body coloured grille.
- Body coloured impact resisting polycarbonate bumper with steel backing frame.

**CAB INTERIOR**
- Contoured adjustable driver’s bucket seat.
- Front passenger bench seat with 2 seat capacity.
- 3-point lap sash seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelts fitted with pre-tensioner. Centre seat lap belts.
- Driver and outboard front passenger airbag.
- **With AMT:** Driver’s footrest.
- Door and roof pillar entry assist grips.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
- **With AMT:** Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Electric windows.
- Central locking with remote keyless entry and immobiliser.
- Front door mounted storage pockets and driver’s side ashsray.
- Fully integrated air conditioning and heater/defroster with 4-speed fan and outlets for windscreen, side windows, face and floor.
- **With AMT:** Fully integrated air conditioning and heater/defroster with DPD regeneration.
- **With AMT:** Gear selection display.
- **With AMT:** Gear selection control with P-R-N-D and sequential shift positions.
- **With AMT:** Driver’s footrest.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
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- **With AMT:** Gear selection display.
- **With AMT:** Gear selection control with P-R-N-D and sequential shift positions.
- **With AMT:** Driver’s footrest.

**DRIVER CONTROLS**
- Key-operated engine start/stop and steering lock. Engine idle speed control.
- Hill Assist slow/fast engagement control and on/off switch - except with AMT.
- ASR and ESC on/off.
- DPD regeneration.
- **With AMT:** AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
- **With AMT:** Gear selection control with P-R-N-D and sequential shift positions.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals, headlamps, cruise control.

**INSTRUMENTATION**
- **Warning lamps:** Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low fuel level.
- **With AMT:** Check AMT.
- **Indicator lamps:** Hill Assist (except with AMT), warm up system, high beam, ASR, ESC, exhaust brake, turn signals, cruise control. **With AMT:** Econo-mode, 1st gear start.
- **With AMT:** Gear selection display.
- **Multi information display:** Shows service interval, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day date and includes 40-120km/h adjustable vehicle speed warning.

**OPTIONS AND GENUINE ACCESSORIES**
- Include the following (extra cost, request a brochure and further details from your Isuzu dealer):
  - **Multimedia unit:**
    - Isuzu satellite navigation including 3 years of free updates
    - Supports up to five camera inputs. One digital camera with infra red and rear microphone input active when reversing. Four analogue cameras.
    - Reversing sensors.
    - Tyre pressure monitoring system.
  - **Other:**
    - Airbag compatible bullbar.
    - 2,500 kg rated towbar.

**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.
### WEIGHTS (kg)

<table>
<thead>
<tr>
<th>Models</th>
<th>Ratings*</th>
<th>Loading Limit* (at ground)</th>
<th>Cab Chassis Weight #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GVM</td>
<td>GCM</td>
<td>Front</td>
</tr>
<tr>
<td>NLR 45-150 SWB</td>
<td>4,500</td>
<td>8,000</td>
<td>1,950</td>
</tr>
<tr>
<td>NLR 45-150 AMT SWB</td>
<td>4,500</td>
<td>8,000</td>
<td>1,950</td>
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*Vehicle ratings and axle 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.

### 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>NLR 45-150 SWB</td>
<td>2,490</td>
<td>4,735</td>
<td>1,100</td>
<td>1,145</td>
<td>1,805</td>
<td>3,172</td>
<td>1,425</td>
<td>1,855</td>
<td>2,155</td>
<td>600</td>
<td>695</td>
<td>730</td>
<td>8.7</td>
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<tr>
<td>NLR 45-150 MWB</td>
<td>3,360</td>
<td>6,025</td>
<td>1,100</td>
<td>1,565</td>
<td>2,675</td>
<td>4,462</td>
<td>1,425</td>
<td>1,855</td>
<td>2,180</td>
<td>610</td>
<td>720</td>
<td>760</td>
<td>11.8</td>
</tr>
</tbody>
</table>

### PERFORMANCE (calculated - typical paved road)

- **Geared Speed***: (top gear at peak power engine RPM)
- **Low Speed Gradeability**: (lowest forward gear assuming no wheel slip)
- **Engine Speed**: (top gear at 100km/h)

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<th>Models</th>
<th>Geared Speed*</th>
<th>Low Speed Gradeability</th>
<th>Engine Speed</th>
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<tr>
<td>NLR 45-150</td>
<td>108 km/h @ 2,800 RPM</td>
<td>55%</td>
<td>2,590 RPM</td>
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<tr>
<td>NLR 45-150 AMT</td>
<td>116 km/h @ 2,800 RPM</td>
<td>56%</td>
<td>2,425 RPM</td>
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*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)*

#### EXTENDED CARE

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

*Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu NLR 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. (iii) for three years from the date of new vehicle purchase. 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.

#### ORDER CODES

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<th>Model</th>
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<tbody>
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<td>NLR 45-150 SWB</td>
<td>NH-NLRAA-A16</td>
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<td>NH-NLRAA-B18</td>
</tr>
<tr>
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