

NLR 200



AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989. Truck tracker 2009.

AT A GLANCE

GVM	4,500 kg
GCM	7,000 kg
Power	110 kW @ 2,800 rpm
Torque	375 Nm @ 1,600 - 2,800 rpm

UPGRADE OPTIONS

- AMT Pack:**
- Automated Manual Transmission (AMT)

ADVANCED TECHNOLOGY

- Emissions: Euro IV - exceeds ADR80/02
- Driver airbag with seatbelt pretensioner
- Anti-lock Braking System (ABS)
- Anti Skid Regulator (ASR)
- Hill Start Aid (HSA) - except AMT pack
- Electric mirrors
- Independent front coil suspension



RELIABILITY IS EVERYTHING ISUZU

Driveline & Chassis Specifications

ENGINE: SITEC SERIES II 150 (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:** Two-stage cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/02 (Euro IV) compliant.

CLUTCH

Standard model:

- Auto adjusting hydraulic control with vacuum assistance. Single plate 300 mm diameter.
- Total lining area: 847 cm²

AMT Pack:

- Fully automated hydraulically controlled wet clutch and fluid coupling 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)
- | 1st | 2nd | 3rd | 4th | 5th | Rev |
|-------|-------|-------|-------|-------|-------|
| 5.315 | 3.053 | 1.655 | 1.000 | 0.721 | 5.068 |

AMT Pack:

ISUZU MYY-6S

- 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)
- | 1st | 2nd | 3rd | 4th | 5th | 6th | Rev |
|-------|-------|-------|-------|-------|-------|-------|
| 5.979 | 3.434 | 1.862 | 1.297 | 1.000 | 0.750 | 5.701 |

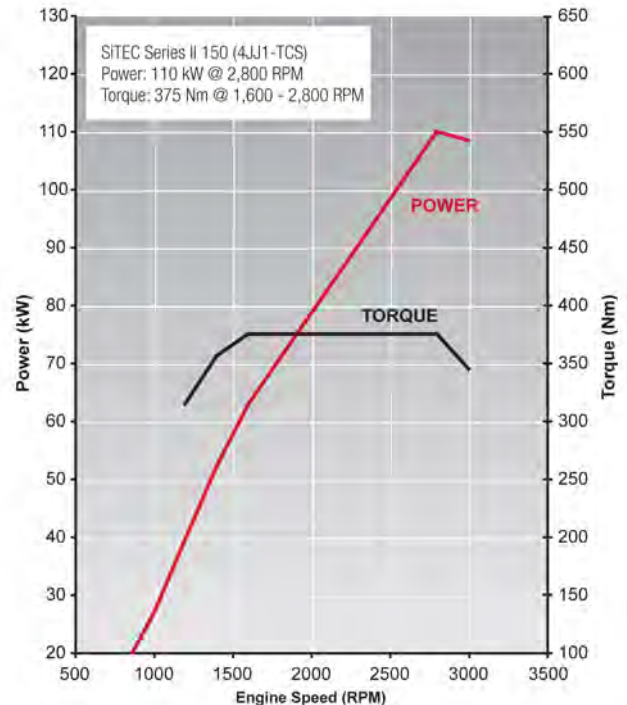
AXLES

Front: Isuzu FI026

- Fully independent wishbone. 2,600 kg capacity.

Rear: Isuzu R045

- Full floating Banjo type. Four differential pinions. 4,500 kg capacity.
- Drive ratio: 4.556:1 (standard model), 4.100:1 (AMT pack)



SUSPENSION

Front:

- Coil springs.
- Double acting hydraulic shock absorbers.

Rear:

- Multi leaf main spring, multi leaf helper spring (short w/base).
- Taper leaf main, taper leaf helper spring (medium w/base).
- Double acting hydraulic shock absorbers.

BRAKES

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and electronic brake force distribution (EBD).
- ABS and ASR traction control.
- Hill Start Aid (HSA) - except AMT pack.
- Front disc diameter: 265 mm
- Rear drum size: 290 x 75 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° (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.
- 50 amp alternator.
- 4.0 kW starter motor.
- 2 x 80D26L (630 CCA) batteries connected in series.

Cabin Specifications and Appointments

CAB EXTERIOR

- All steel construction. High tensile steel used for cab underframe. Manual cab tilt to 45° with torsion bar assistance.
- 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 windscreen wipers with intermittent wipe mode.
- Halogen multi-reflector headlamps incorporating turn signals. Additional door mounted side indicator 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 seatbelt fitted with pretensioner. Centre seat lap belts.
- Driver airbag.
- **AMT Pack:** 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.
- 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.
- Front passenger glovebox.

- Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Interior lamp with On/Door/Off switch.
- 2 DIN, two speaker radio/CD multimedia unit with 4.8" LCD touch screen and Bluetooth. Provision for SD card, USB and 3.5 mm plug inputs.
- DIN sized compartment for storage or for CB radio installation.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- HSA slow/fast engagement control and on/off switch (except AMT pack).
- ASR on/off.
- DPD regeneration.
- **AMT Pack:** AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals and headlamps.

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, seatbelt unfastened, low fuel level. **AMT Pack:** Check AMT.
- **Indicator lamps:** HSA (except AMT pack), warm up system, high beam, ASR, DPD status, exhaust brake, turn signals. **AMT Pack:** Econo-mode, 1st gear start.
- **AMT Pack:** Gear selection display.

OPTIONS AND GENUINE ACCESSORIES

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

- Satellite navigation - integrates with multimedia unit and includes NAVTEQ mapping.
- Up to three audio/visual reversing cameras - integrates with multimedia unit.
- Airbag compatible bullbar.
- 2,500 kg rated towbar.

