

# ISUZU

## SPECIFICATIONS

### NLR 45-150



AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

#### 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

**Isuzu Electronic Stability Control (IESC)  
delete model:** includes AMT / IESC delete

#### 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)  
- except IESC delete model

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



# ISUZU

RELIABILITY IS EVERYTHING

# NLR 45-150

## 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 cm<sup>2</sup>

#### With AMT:

- Fully automated hydraulically controlled wet clutch and torque convertor with lock up.

### TRANSMISSION

#### Standard model:

##### ISUZU MYY-5T

- 5 speed manual. Synchronesh 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

#### 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)

1st	2nd	3rd	4th	5th	6th	Rev
5.979	3.434	2.040	1.379	1.000	0.750	5.701

### AXLES

#### Front: ISUZU F1026

- 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)

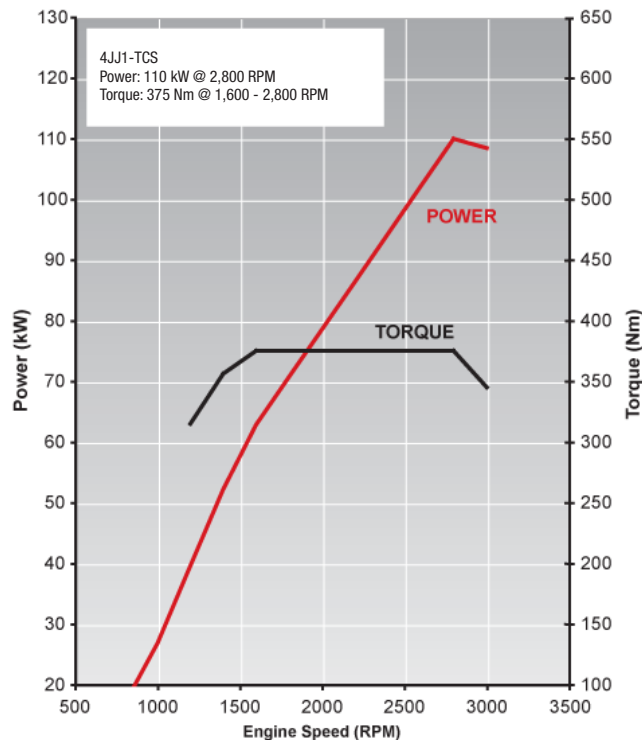
### SUSPENSION

#### 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 - except IESC delete model.
- 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° (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.

## 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.
- 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 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.
- 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.
- 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.
- Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Fluorescent type interior lamp with On/Door/Off switch.
- 2 DIN, two speaker multimedia unit with 6.2" LCD capacitive touch screen. 1.6GHz processor with Android operating system. DAB+ digital radio and fully integrated Bluetooth with voice recognition. Inbuilt PDF, photo and movie viewer. Internet radio accessible via smartphone. 32GB internal file storage. USB and auxiliary input connection provisions.
- DIN sized compartment for storage or for CB radio installation.

## ELECTRICAL SYSTEM

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

### 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 IESC on/off (except delete IESC model).  
ASR on/off (delete IESC model).
- 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

- 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.  
**With AMT:** Check AMT.
- **Indicator lamps:** Hill Assist (except with AMT), warm up system, high beam, ASR, IESC (except delete IESC model), 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:

- Telematics system
- 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
- Blind spot viewing cameras
- ADAS (Advanced Driver Assistance System). Includes lane departure warning, forward collision warning and pedestrian collision alert.
- Wireless inductive phone charger.

#### 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.

