

# NLR 55/45-150 TIPPER



# AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

# AT A GLANCE

GVM	5,500 / 4,500 kg
GCM	9,000 / 8,000 kg
Power	110 kW @ 2,800 rpm
Torque	375 Nm @ 1,600 - 2,800 rpm

# **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 (HSA) Electric mirrors Cruise control Independent front coil suspension Cornering lamps





# NLR 55/45-150 TIPPER

# DRIVELINE AND CHASSIS SPECIFICATIONS

## **ENGINE: ISUZU 4JJ1-TCS**

Туре:	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**

- Auto adjusting hydraulic control with vacuum assistance. Single plate 300 mm diameter.
- Total lining area: 847 cm<sup>2</sup>

## TRANSMISSION

#### **ISUZU MYY-5T**

• 5 speed manual. Syncromesh on gears 1-5.

<ul> <li>Gear ra</li> </ul>	tios (:1)				
1st	2nd	3rd	4th	5th	Rev
5.315	3.053	1.655	1.000	0.721	5.068

### **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: 4.777:1

## **SUSPENSION**

#### Front:

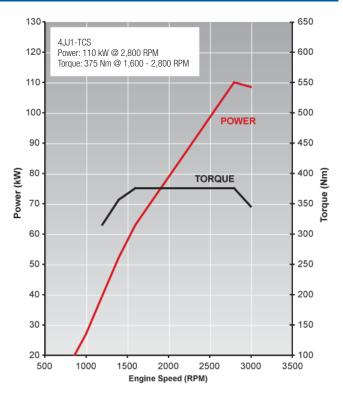
- Coil springs.
- Double acting hydraulic shock absorbers.

#### 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
- Front disc diameter: 293 mm
- Rear disc diameter: 293 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) / 35.75° (outside wheel)

## WHEELS AND TYRES

- 16 x 5.5J five stud steel wheels.
- 195/85R16 114/112L Michelin XJE4 Mix Energy Tubeless.
- Maximum tyre rating
  - Steer axle: 2,360 kg
    - Drive axle: 4,480 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

#### **TIPPER BODY**

- All steel body with drop sides. Auto release two-way tailgate.
- · Auto release body lockdown hook.
- · Shovel rack. LHS and RHS rope rails. Non-slip side steps.
- 20 second raise / 20 second lower time.
- Cubic volume: 2.0 m<sup>3</sup>
- · Deck plate thickness: 3.2 mm
- Side / front / tail plate thickness: 2.3 mm

#### **FUEL TANK**

- Frame mounted 75L steel fuel tank.
- · 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.

# 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. 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 pretensioner. Centre seat lap belts.
- Driver and outboard front passenger airbag.
- 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 auxilliary input connection provisions. Firmware and map updates possible via smartphone.
- DIN sized compartment for storage or for CB radio installation.

## **DRIVER CONTROLS**

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- Hill Assist slow/fast engagement control and on/off switch.
- ASR and IESC on/off.
- DPD regeneration.
- Left side combination stalk: Windscreen wipers, washers and exhaust brake.
- Right side combination stalk: Turn signals, headlamps, cruise control.
- Tip body raise and lower lever with safety release mechanism.

#### **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.
- Indicator lamps: Hill Assist, warm up system, high beam, ASR, IESC, exhaust brake, turn signals, cruise control, PTO engaged.
- 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:

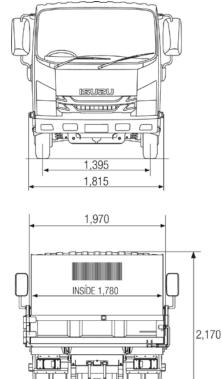
• Airbag compatible bullbar.

# ISUZU CARE

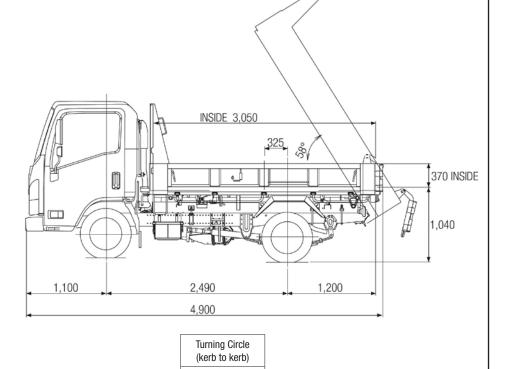
Isuzu Care gives truck owners access to products and services including Roadside Assist, Service Agreements, Extended Care, Extended Isuzu Assist and the Isuzu Care Centre. Call 1800 035 640.



Models	Ratings*		Loading Limit* (at ground)		Weight #		
Judeis	GVM	GCM	Front	Rear	Front	Rear	Total
R 55/45-150 TIPPER	5,500 / 4,500	9,000 / 8,000	2,360	4,480	1,535	1,270	2,805
LR 55/45-150 TIPPER	-						



1,425 1,855



8.5 m

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)	
NLR 45-150 TIPPER	At 4,500 kg GVM	110 km/h @ 2,800 RPM	54%	2,550 RPM	
NLR 55-150 TIPPER	At 5,500 kg GVM	110 km/h @ 2,800 RPM	44%	2,550 RPM	

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

ISUZU WARRA	NTIES	ORDER COD	ES
STANDARD <sup>1</sup>		Model	Code
New Vehicle	3 years • 100,000km • 2,000 hours	NLR 55/45-150 TIPPER	NH-NLRBA-L18
Isuzu Assist: 24 hour road	lside assistance (3 years, unlimited km)*		
EXTENDED CARE <sup>2</sup>			
Extended Warranty: 5 yea	rs • 250,000km • 4,500 hours		
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Isuzu Assist: 24 hour roadside assistance (5 years, unlimited km)

<sup>1</sup> Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu NLR model carries 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. <sup>2</sup> 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 Iaw including customer guarantees. For more details visit the Isuzu website which explains lazu warranties in more detail, or alternatively contact your local dealer. All warranties commence from date of delivery. ISUZU AUSTRALIA LIMITED ABN 97 006 992 572 ("IAL"). The information in this spec sheet was correct at time or printing, but all measurements, specifications and equipment are subject to the subject provide some description between the original control and equipment are subject.

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