

# NLR250Tipper



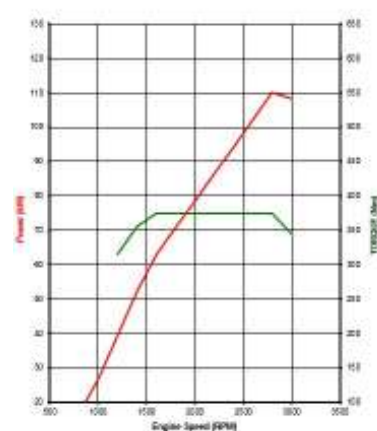
# 4x2

| MODEL          | NLR250S<br>Tipper |
|----------------|-------------------|
| GVM (kg)       | 5,500             |
| GCM (kg)       | 9,000             |
| Max Power (kW) | 110               |
| Wheelbase (mm) | 2490              |
| License        | Class 1           |



\*Mirrors differ from those shown

| ENGINE                  |  |                   |                      |
|-------------------------|--|-------------------|----------------------|
| Engine Model            | ISUZU 4JJ1-TCS   | Type              | 4 cyl 16 valve, DOHC |
| Displacement            | 2,999cc  | Compression Ratio | 16.5:1               |
| Max Power (DIN Nett)    | 110kW (150 HP) @2,800 RPM  |                   |                      |
| Max Torque (DIN Nett)   | 375Nm (276 lb.ft) @ 1,450 rpm  |                   |                      |
| Emission Control System | Euro V with cooled EGR and Diesel Particulate Diffuser   |                   |                      |
| Fuel System             | Electronically controlled direct injection, high pressure common rail.<br>75 litre fuel tank with lockable fuel cap. Water-in-fuel sensor. |                   |                      |
| Air Intake System       | Electronically controlled variable nozzle turbo charger with air-to-air  |                   |                      |



| CLUTCH    |  | PERFORMANCE   |                        |
|-----------|--|---|------------------------|
| Standard: | Auto adjusting hydraulic control with vacuum assistance. Single plate 300 mm diameter.<br>Total lining area: 847 cm <sup>2</sup> | Est Engine RPM @90km/h :2330, (AMT) 2185                          | Speed Limit: unlimited |
|           |  | Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip) | 55%                    |

| TRANSMISSION   |   |
|----------------|---|
| Manual:        | ISUZU MYY5T - 5 spd manual, (Standard). Synchromesh on 1st to 5th                           |
| Ratios (:1)    | 1st 5.315, 2nd 3.053 3rd 1.655, 4th 1.0, 5th 0.721, Rev 5.701                               |
| AMT (optional) | ISUZU MYY6E 6-Speed Automated Manual (AMT) full automatic and sequential manual shift modes |
| Ratios (:1)    | 1st 5.979, 2nd 3.434 3rd 1.862, 4th 1.297, 5th 1.000, 6th 0.750, Rev 5.701                  |
| PTO:           | Provision on LHS of transmission case, countershaft driven & with wiring harness provided   |

| AXLES  |   |
|--------|---|
| Front  | Isuzu FO26, Fully independent wishbone. 2,600 kg capacity.      |
| Rear   | Isuzu RO50, Full floating banjo type housing. 5,000 kg capacity |
| Ratio: | 4.556 (man) 4.10 (AMT)  |

| WHEELS AND TYRES   |  |
|--|--|
| <ul style="list-style-type: none"> <li>16.0 x 5.5J x 16.5mm 5-stud steel wheel rims</li> <li>Front axle: 195/75 R16C 107/105 M</li> <li>Rear axle: 195/75 R16C 107/105 M</li> <li>Silver painted wheel rims and frame mounted spare wheel</li> </ul> |  |

| CHASSIS  |   |  |   |
|--|---|--|---|
| Suspension   | Chassis   | Brakes   | Electrical & Steering   |
| <b>Front Suspension</b> <ul style="list-style-type: none"> <li>Coil spring - independent</li> <li>Double acting shock absorber</li> <li>Stabiliser bar</li> </ul> <b>Rear Suspension</b> <ul style="list-style-type: none"> <li>Taper leaf spring with helper spring</li> <li>Double acting shock absorbers</li> </ul> | <ul style="list-style-type: none"> <li>Cold riveted ladder frame</li> <li>Rail dimensions (mm)180x65x4</li> <li>SAPH440 weldable steel</li> </ul> | <ul style="list-style-type: none"> <li>Auto adjusting front discs, rear drums with hydraulic dual circuit control, vacuum assisted and Electronic Brake Distribution (EDB)</li> <li>ABS and ASR (traction control)</li> <li>Hill Start Aid (except AMT)</li> <li>Front discs: 265 x 35</li> <li>Rear drum: 290mm x 75mm</li> <li>Drum park brake on rear of transmission</li> <li>Vacuum controlled exhaust brake</li> </ul> | <b>Electrical:</b> <ul style="list-style-type: none"> <li>24 volt negative earth system</li> <li>90-amp alternator</li> <li>Batteries - 2 x 80D26L 80Ah, 630CCA.</li> </ul> <b>Steering:</b> <ul style="list-style-type: none"> <li>Power assisted rack and pinion.</li> <li>Turns lock to lock: 4.2</li> <li>Maximum angle: 38° (inside wheel) / 34.75° (outside wheel)</li> </ul> |

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June19

## CAB AND INTERIOR

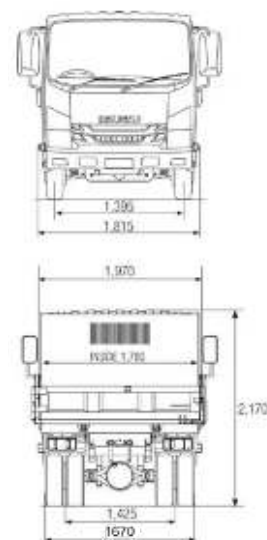
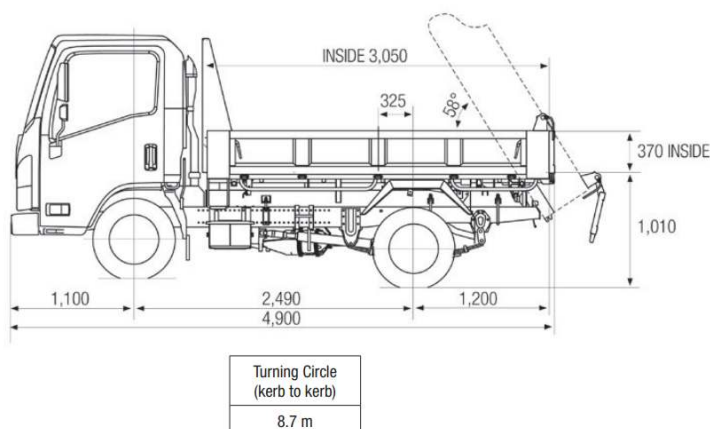
| Cab Exterior   | Cab Interior  | Instruments and Controls   |
|--|---|--|
| <ul style="list-style-type: none"> <li>All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement</li> <li>Cab is fully compliant with ECE-R29 crash tests</li> <li>Manual cab tilt to 45° with torsion bar assistance</li> <li>Liquid filled front and rear cab mounts</li> <li>Heavy duty non-slip cab entry steps</li> <li>90° opening doors</li> <li>Cab mounted main mirrors on front of cab</li> <li>Halogen multi-reflector headlamps with integral front turn signals</li> <li>Additional door mounted turn signals</li> <li>Polycarbonate front bumper with steel frame</li> <li>Combined brake/turn/reverse/marker lamps</li> <li>Registration plate lamps</li> <li>Reverse alarm buzzer standard</li> </ul> <p>Tipper body:</p> <ul style="list-style-type: none"> <li>All steel body with drop sides. Auto release two-way tailgate.</li> <li>Auto release body lockdown hook.</li> <li>Shovel rack. LHS and RHS rope rails. Non-slip side steps.</li> <li>20 second raise / 20 second lower time.</li> <li>Cubic volume: 2.0 m3</li> <li>Deck plate thickness: 3.2 mm</li> <li>Side / front / tail plate thickness: 2.3 mm</li> </ul> | <ul style="list-style-type: none"> <li>Contoured adjustable driver's bucket seat with mechanical suspension rated to 130 kg</li> <li>3-point seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelts fitted with pretensioner. Centre seat lap belt</li> <li>Air bag for both outer seats.</li> <li>SRS including air bag for driver and passenger</li> <li>Door and pillar entry assist grips both sides</li> <li>Lined interior, padded roof lining &amp; vinyl floor covers</li> <li>RH and LH overhead storage shelf</li> <li>Height/reach adj steering column, soft-feel urethane steering wheel with audio controls.</li> <li>Electric windows</li> <li>Central locking with keyless entry &amp; immobiliser</li> <li>Twin cup holders, 24V cigarette lighter</li> <li>Integrated air conditioning with 4 speed fan</li> <li>Door mounted storage pockets</li> <li>Fluorescent interior light</li> <li>Spare DIN sized communications compartment</li> <li>Multimedia unit with 6.2" LCD touch screen. Android OS. DAB+ digital radio, integrated Bluetooth with voice recognition. Inbuilt media viewer. Internet radio via smartphone. 32GB file storage. USB &amp; auxilliary inputs.</li> <li>OPTIONS: (full details from your Isuzu dealer). Telematics. Supports up to five camera inputs, one digital camera, reversing sensors, tyre pressure monitoring.</li> <li>ADAS (Advanced Driver Assistance System).</li> <li>Wireless phone charger for Qi enabled phones.</li> </ul> | <ul style="list-style-type: none"> <li>Key-operated engine start/stop &amp; steering lock.</li> <li>Hill Assist slow/fast engagement control &amp; on/off switch - except with AMT.</li> <li>ASR on/off.</li> <li>DPD regeneration.</li> <li>With AMT: AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.</li> <li>With AMT: Gear selection control with sequential shift positions.</li> <li>Left side combination stalk: Windscreen wipers, washers and exhaust brake.</li> <li>Right side combination stalk: Turn signals, headlamps.</li> <li>Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.</li> <li>Warning lamps: Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low fuel level. With AMT: check AMT.</li> <li>Indicator lamps: Hill Assist (except with AMT), warm up system, high beam, ASR, exhaust brake, turn signals, PTO.</li> <li>With AMT: Econo-mode, 1st gear start.</li> <li>With AMT: Gear selection display.</li> </ul> |

## WEIGHTS (KG)

| Model Codes | Models             | Ratings* |      | Loading Limits (at ground)* |      | Chassis Cab Tare Mass** |      |       |
|-------------|--------------------|----------|------|-----------------------------|------|-------------------------|------|-------|
|             |                    | GVM      | GCM  | Front                       | Rear | Front                   | Rear | Total |
| NL0513      | NLR250S Tipper     | 5500     | 9000 | 1950                        | 3700 | 1535                    | 1110 | 2645  |
| NL0613      | NLR250S AMT Tipper | 5500     | 9000 | 1950                        | 3700 | 1535                    | 1110 | 2645  |

\* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

\*\* Chassis cab as supplied from the factory including 10 litres of fuel



## WARRANTY

Full vehicle warranty: 36 months or 100,000 kilometres whichever occurs first  
All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement

A policy of continuous improvement means that these specifications are subject to change without notice. Contact a Isuzu dealer or visit [Isuzu.co.nz](http://Isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ from the actual vehicle. \*\* Always refer to NZTA to confirm & for Licensing changes.