



\*Actual mirrors differ to those shown\*

## MAIN SPECIFICATIONS

Model	NLR250S	NLR250S AMT	NLR250M	NLR250M AMT
Code	NL101	NL102	NL103	NL104
Configuration	4 x 2			
Gross Vehicle Mass	4,500 Kg			
Gross Combination Mass	8,000 Kg			
Maximum towed mass braked	3,500 Kg			
Maximum towed mass unbraked	750 Kg			
Gradeability at GVM/GCM (1st gear)	54/24%	55/25%	54/24%	55/25%
Est. Engine RPM @ 90 Km/h	2330	2185	2330	2185
Turning circle kerb to kerb (m)	8.9		12.0	

## DRIVELINE SPECIFICATIONS

Engine Model	4JJ1-TCS			
Type	4 cylinder 16 valve, chain driven DOHC. Euro IV exhaust emission compliant			
Displacement (cc)	2,999			
Compression ratio	17.5:1			
Max power (DIN Nett)	110kW 150PS (JIS Gross 114kW, 155PS) @ 2800 RPM			
Max torque (DIN Nett)	375N.m (JIS Gross 388N.m) @ 1,600 – 2,800 RPM			
Transmission model	MY5T	MY6S	MY5T	MY6S
Forward gears	5	6	5	6

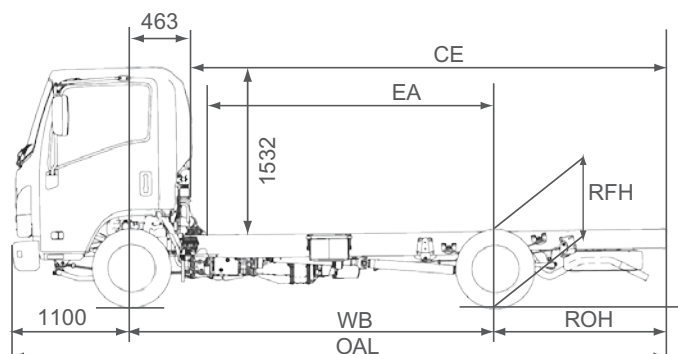
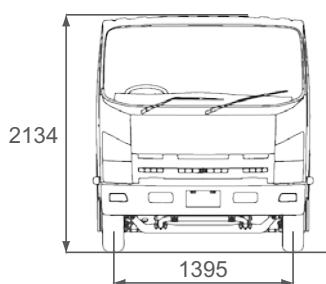
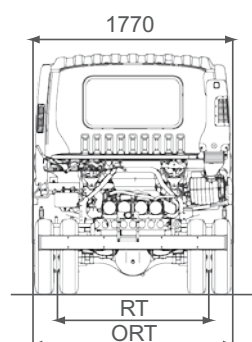
## KERB MASS\* (kg)

Front	1,415	1,425	1,425	1,445
Rear	580	600	600	620
Total	1,995	2,025	2,025	2,065

\*Cab/chassis as supplied with coolant, oils, tools and 10 L of fuel

## DIMENSIONS (mm)

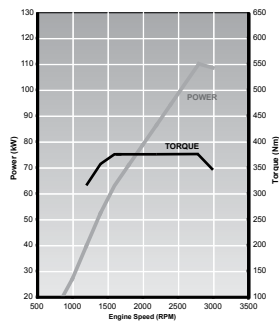
WB: Wheelbase	2,490	3,360
OAL: Overall length	4,735	6,025
EA: Rear of engine to rear axis	1,805	2,675
CE: Cab to rear of frame	3,172	4,462
ROH: Rear overhang	1,145	1,565
RT: Rear track	1,204	1,425
ORT: Overall rear tyres	1,670	1,855
FW: Frame width @ Rear	700	
RFH: Frame height at rear axis	695	720
BOC: Back of Cab Clearance	222	



## Drive Line Specifications

### Engine-ISUZU 4JJ1-TCS

- Bore x Stroke 95.4mm x 104.9mm



### Emission control system

- Euro IV with cooled Exhaust Gas recirculation and Diesel Particulate Diffuser (DPD)

### Lubrication

- Replacable element oil filter cartridge
- Plate type oil cooler
- System capacity approx 10 litres

### Cooling system

- Temperature controlled viscous fan hub
- Approx coolant capacity 10 litres

### Fuel System

- Electronically controlled, direct injection high pressure common rail
- Lockable fuel cap
- Engine mounted fuel filter with water in fuel sensor
- Steel fuel tank capacity  
 NLR250S/250S AMT 75 litres  
 NLR250M/250M AMT 100 litres

### Air Intake System

- Electronically controlled variable nozzle turbo charger with Air to Air Intercooler
- Rear of cab vertical air intake

### Clutch

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

### AMT

- Fully automated hydraulically controlled wet clutch and fluid coupling with lock up and oil to air cooler
- Approx system capacity 6.6 litres

### Transmission: MYY5T Manual models

- 5 speed manual synchromesh on gears 1 through 5
- PTO provision on LHS of the transmission case countershaft driven.
- Approx oil capacity 2.8 litres

### Ratios :1

- 1st 5.315, 2nd 3.053, 3rd 1.655
- 4th 1.00, 5th .721, Rev 5.701

### Transmission MYY6S AMT models

- 6 speed Automated Manual Transmission with both fully automatic and sequential shift manual modes
- PTO provision on LHS of the transmission case countershaft driven.
- Approx oil capacity 3.5 litres

### Ratios :1

- 1st 5.979, 2nd 3.434, 3rd 1.862, 4th 1.297
- 5th 1.00, 6th .750 Rev 5.701

### Front Axle: ISUZU FI026

- Wishbone independent front suspension
- Capacity 2,600Kg

### Rear Axle: ISUZU RO45

- Full floating Banjo type
- Capacity 4,500Kg
- 292mm diameter ring gear
- Approx oil capacity 3.0 litres
- Ratio; Man 4.55:1, AMT 4.10:1

### Load limit Kg (on ground)

Front	Rear
1,950	3,700

## Chassis Specification

### Front Suspension

- Coil Springs  
 S W/B 23x102x392(mm) constant 98 N/mm  
 M W/B 21x100x400(mm) constant 78 N/mm
- Double acting hydraulic Shock absorbers

### Rear Suspension

- S W/B MLS main, MLS helper  
 Main 1200x70x12-3, constant 171 N/mm  
 Helper 860x70x18-2, combined 473N/mm
- M W/B TLS main, TLS helper  
 Main 1300x70x13-1, 17-2, constant 143N/mm  
 Helper 1100x70x30-1, combined 511N/mm
- Double acting hydraulic shock absorbers

### Steering

- Power assisted rack and pinion
- Turns lock to lock 4.2

### Brakes

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and Electronic Brake Distribution
- ABS and ASR (traction control)
- Hill Start Aid - except AMT
- Front discs 265mm x 35mm, ventilated
- Rear drum 290mm x 75mm
- 190mm diameter drum rear of transmission mounted park brake
- Vacuum controlled exhaust brake

### Chassis Frame

- Cold rivetted ladder frame. SAPH440 weldable steel side members
- Frame side rail dimensions(mm) 180x65x4
- *Please refer to the Isuzu Body Builders guide for chassis modifications and body fitment*

### Wheels and Tyres

- 16x5.5Jx116.5mm five stud steel wheels
- 195/75R16C 107/105R tubeless tyres
- Wheels painted silver
- Frame mounted spare wheel and tyre

### Electrical System

- 24 volt negative earth system
- Alternator 50 amp
- Battery:  
 Manual 2 x 65D23L  
 AMT 2 x 75D23L

## Cabin Specifications

### Cab Exterior

- All steel construction, high tensile steel used for cab underframe and door side impact beam reinforcement.
- Manual cab tilt to 45° with torsion bar assistance
- Liquid filled front and rear cab mounts
- Heavy duty non slip cab entry steps
- 70° opening doors
- Cab mounted front of cab main mirrors
- Polycarbonate bumper with steel backing frame
- Halogen multi reflector headlamps incorporating turn signal, additional door mounted side indicator lamps

### Cab Interior

- Contoured adjustable driver's bucket seat
- Passenger bench seat with 2 seat capacity
- 3 point ELR seatbelts in outboard seating positions, drivers seatbelt fitted with pretensioner
- Centre seat lap belt

### Warranty

Vehicle: 36 months/100,000kms\*  
 Corrosion (Perforation): 36 months  
 \* Which ever occurs first. Subject to the terms & conditions detailed in the Owners manual Service and Supplement

- Driver side SRS including air bag
- Door and roof pillar entry assist grips
- Lined cab interior, padded roof lining and vinyl floor covering
- LH and RH overhead storage shelf
- Height/reach adjustable steering column, soft feel urethane steering wheel
- Electric windows
- Central locking with remote keyless entry and engine immobiliser
- Twin cup holders, 24v cigarette lighter.
- Door mounted storage pockets
- LH side glove box
- Interior light
- Intergrated air conditioning with 4 speed fan
- Radio/single disc CD with 2 speakers and auxillary input jack port
- 5 DIN sized compartments for storage or additional communication units

Please refer to the Owners and Drivers Manual for more detailed operation, driving instructions and warnings

A policy of continual improvement means that the specifications are subject to change without notice. Contact your Isuzu dealer to confirm specifications

### Instrument & Controls

- Speedometer with digital odometer and two tripmeters, tachometer, engine coolant temperature and fuel level gauges
- Two speed wipers with intermittent wipe mode
- Key operated engine start/stop and steering lock
- HSA slow/fast engagement control and on/off switch - except AMT
- ASR on/off switch
- DPD manual regeneration switch
- **AMT:** slow/fast clutch re-engagement control, 1st gear selection, economy mode
- **LH combination stalk:** windscreen wipers, washers and exhaust brake
- **RH combination stalk:** turn signals and headlamps
- **Warning lamps:** check eng, oil pressure, ABS, SRS alternator charge, service brakes, seat belt unbuckled, Check AMT - AMT only
- **Indicator lamps:** HSA-except AMT, warm up system, high beam, ASR, DPD status, exhaust brake, turn signals
- AMT: econo mode, 1st gear start, gear selection display