



"Actual mirrors differ to those shown"

### MAIN SPECIFICATIONS

Model	NNR250S	NNR250S AMT	NNR250M	NNR250M AMT	NNR250C	NNR250C AMT
Code	NN101	NN102	NN103	NN104	NN105	NN106
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)	49/22%	59/26%	49/22%	59/26%	49/22%	59/26%
Est. Engine RPM @ 90 Km/h	2185	2275	2185	2275	2185	2275
Turning circle kerb to kerb (m)	9.7			11.8		

### 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	MY5T	MY6S
Forward gears	5	6	5	6	5	6

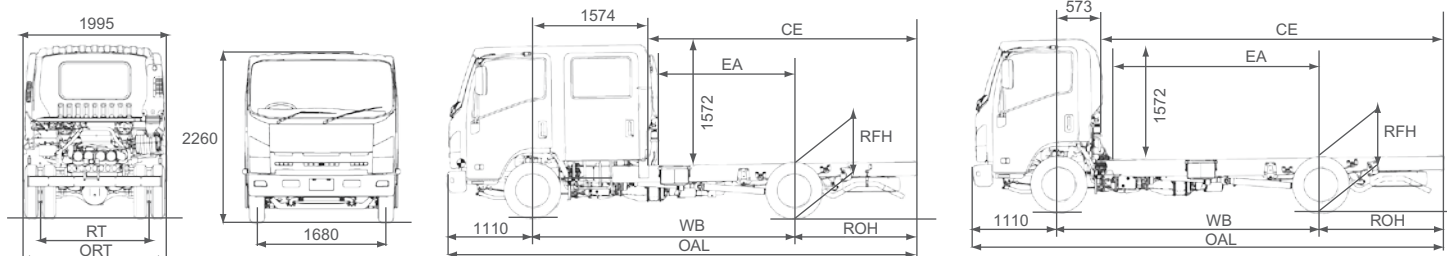
### KERB MASS\* (kg)

Front	1,515	1,525	1,520	1,530	1,700	1,710
Rear	695	725	720	750	785	815
Total	2,210	2,250	2,240	2,280	2,485	2,525

\*Cab chassis as supplied from the factory and including 10 L of fuel

### DIMENSIONS (mm)

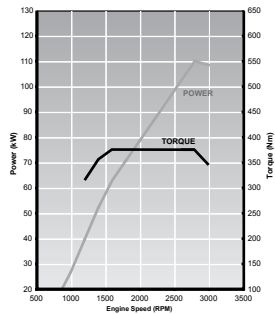
WB: Wheelbase	2,792	3,395	
OAL: Overall length	5,248	6,098	
EA: Rear of engine to rear axis	2,110	2,710	1,730
CE: Cab to rear of frame	3,565	4,415	3,414
ROH: Rear overhang	1,343	1,593	
RT: Rear track	1,485		
ORT: Overall rear tyres	1,915		
FW: Frame width @ Rear	750		
RFH: Frame height at rear axis	745		
BOC: Back of Cab Clearance	112	91	



## 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
- Steel fuel tank capacity 100 litres
- Engine mounted fuel filter with water in fuel sensor

### 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 F031

- Reverse Elliot I Beam
- Capacity 3,100Kg

### Rear Axle: ISUZU RO50

- Full floating Banjo type
- Capacity 5,000Kg
- 292mm diameter ring gear
- Approx oil capacity 3.0 litres
- Ratio 4.55:1

### Load limit Kg (on ground)

Front	Rear
2,360	4,480

## Chassis Specification

### Front Suspension

- Single stage, alloy steel, taper leaf 1300mmx70mm, 17-1, 18.1, constant 133 N/mm
- Stabiliser bar
- Double acting hydraulic Shock absorbers

### Rear Suspension

- MLS main, TLS helper  
 Main 1300x70x11-2, 17-2, constant 145N/mm  
 Helper 850x70x17.5-1 combined 427N/mm
- Stabiliser bar
- Double acting hydraulic shock absorbers

### Steering

- Power assisted recirculating ball
- Gear ratio 20.9:1
- Turns lock to lock 5.4

### 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 295mm x 40mm, ventilated
- Rear drum 320mm 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) 214x70x5

- *Please refer to the Isuzu Body Builders guide for chassis modifications and body fitment*

### Wheels and Tyres

- 16x5.5Jx116.5mm five stud steel wheels
- 195/85R16 114/112L 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.
- Single cab; Manual cab tilt to 45o with torsion bar assistance
- Single cab; Liquid filled front and rear cab mounts
- Crew cab; rubber cab mounts
- Heavy duty non slip cab entry steps
- 70o opening doors
- Cab mounted front of cab mirrors
- Polycarbonate bumper with steel backing frame
- Halogen multi reflector headlamps incorporating turn signal, additional door mounted side indicator lamps
- Roof mounted end position lamps
- Combination brake, turn, reverse and marker lamps, registration plate lamps, extended wiring harness, reverse alarm

### Cab Interior

- Contoured adjustable driver's bucket seat
- Passenger front bench seat with 2 seat capacity

### 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

- 4 seat rear bench seat
- 3 point ELR seatbelts in all outboard seating positions, drivers seatbelt fitted with pretensioner
- Seat lap belt in other seating positions
- Driver side SRS including air bag
- Crew cab; engine access provided under removable drivers seat base and tiltable front passenger seat
- Door and roof pillar entry assist grips
- Crew cab; full width rear grab rail
- Lined cab interior, padded roof lining and vinyl floor coverings
- 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

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

- auxiliary input jack port
- 5 DIN sized compartments for storage or additional communication units

### 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, park brake, seat belt unbuckled, check AMT - AMT only, water in fuel
- 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