

# NNR 200

## NNR 200 Crew



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AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989. Truck tracker 2009.

### AT A GLANCE

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

### UPGRADE OPTIONS

- AMT Pack:**
- Automated Manual Transmission (AMT)

### ADVANCED TECHNOLOGY

- Emissions: Euro IV - exceeds ADR80/02
- Driver airbag with seatbelt pretensioner
- Anti-lock Braking System (ABS)
- Anti Skid Regulator (ASR)
- Hill Start Aid (HSA) - except AMT pack
- Electric mirrors
- Front and rear stabiliser bars



RELIABILITY IS EVERYTHING **ISUZU**

## Driveline & Chassis Specifications

### ENGINE: SITEC SERIES II 150 (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:** Two-stage cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/02 (Euro IV) compliant.

### CLUTCH

#### Standard model:

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

#### AMT Pack:

- Fully automated hydraulically controlled wet clutch and fluid coupling with lock up.

### TRANSMISSION

#### Standard model:

##### ISUZU MYY-5T

- 5 speed manual. Synchromesh 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 |

#### AMT Pack:

##### ISUZU MYY-6S

- 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 | 1.862 | 1.297 | 1.000 | 0.750 | 5.701 |

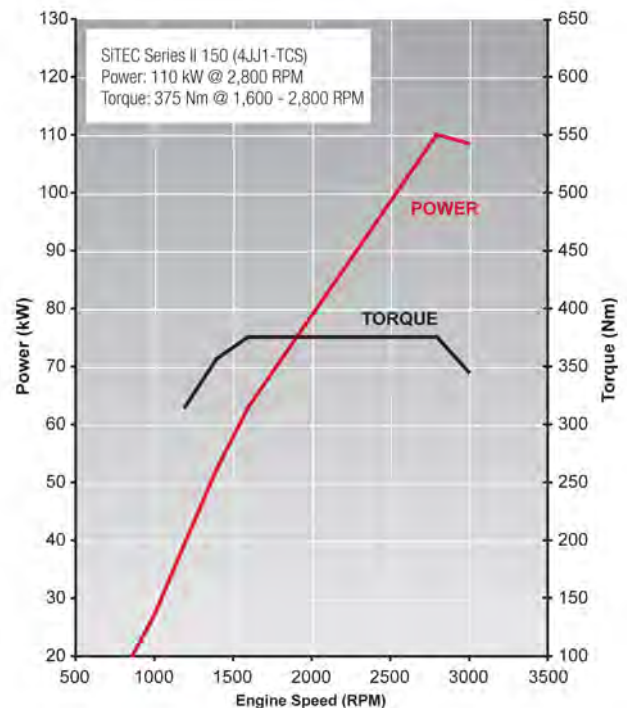
### AXLES

#### Front: Isuzu F031

- Reverse Elliot I-beam. 3,100 kg capacity.

#### Rear: Isuzu R050

- Full floating Banjo type. Four differential pinions. 5,000 kg capacity.
- Drive ratio: 4.556:1



### SUSPENSION

#### Front:

- Single stage alloy steel taper leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.

#### Rear:

- Multi leaf main spring, taper leaf helper spring.
- Double acting hydraulic shock absorbers. Stabiliser bar.

### BRAKES

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and electronic brake force distribution (EBD).
- ABS and ASR traction control.
- Hill Start Aid (HSA) - except AMT pack.
- Front disc diameter: 293 mm
- Rear drum size: 320 x 75 mm
- 190 mm diameter drum park brake mounted on rear of transmission.
- Vacuum controlled exhaust brake.

### STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 20.9:1
- Turns lock to lock: 5.4
- Maximum angle: 48° (inside wheel) / 35° (outside wheel)

## WHEELS AND TYRES

- 16 x 5.5J five stud steel wheels.
- 195/85R16 114/112L Michelin XZA 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. Rivetless top flange.
- Frame dimensions:
  - Side rail (mm): 214 x 70 x 5.0
  - Rear frame width (mm): 750

## FUEL TANK

- Frame mounted 100L steel fuel tank.
- Lockable fuel cap.

## ELECTRICAL SYSTEM

- 24 volt electrical system.
- 50 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. **Single cab:** Manual cab tilt to 45° with torsion bar assistance.
- **Single cab:** Liquid filled front and rear cab mounts. **Crew cab:** Rubber cab mounts.
- 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 side indicator lamps.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- Heated and powered exterior main mirrors with flat glass and additional independantly 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.
- **Crew cab:** Engine access provided under removable driver seat base and tiltable front passenger seat.
- **Crew cab:** Rear bench seat with 4 seat capacity.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt fitted with pretensioner. Centre seat lap belts.
- Driver airbag.
- **AMT Pack:** Driver's footrest.
- Door and roof pillar entry assist grips. **Crew cab:** Full width rear grab rail with ashtray.
- 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.
- Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
- Front passenger glovebox.
- Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Interior lamp with On/Door/Off switch.
- 2 DIN, two speaker radio/CD multimedia unit with 4.8" LCD touch screen and Bluetooth. Provision for SD card, USB and 3.5 mm plug inputs.
- DIN sized compartment for storage or for CB radio installation.

### DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- HSA slow/fast engagement control and on/off switch (except AMT pack).
- ASR on/off.
- DPD regeneration.
- **AMT Pack:** AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals and headlamps.

### 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, seat belt unfastened, low fuel level. **AMT Pack:** Check AMT.
- **Indicator lamps:** HSA (except AMT pack), warm up system, high beam, ASR, DPD status, exhaust brake, turn signals. **AMT Pack:** Econo-mode, 1st gear start.
- **AMT Pack:** Gear selection display.

### OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

- Satellite navigation - integrates with multimedia unit and includes NAVTEQ mapping.
- Up to three audio/visual reversing cameras - integrates with multimedia unit.
- Airbag compatible bullbar.
- Air deflector.

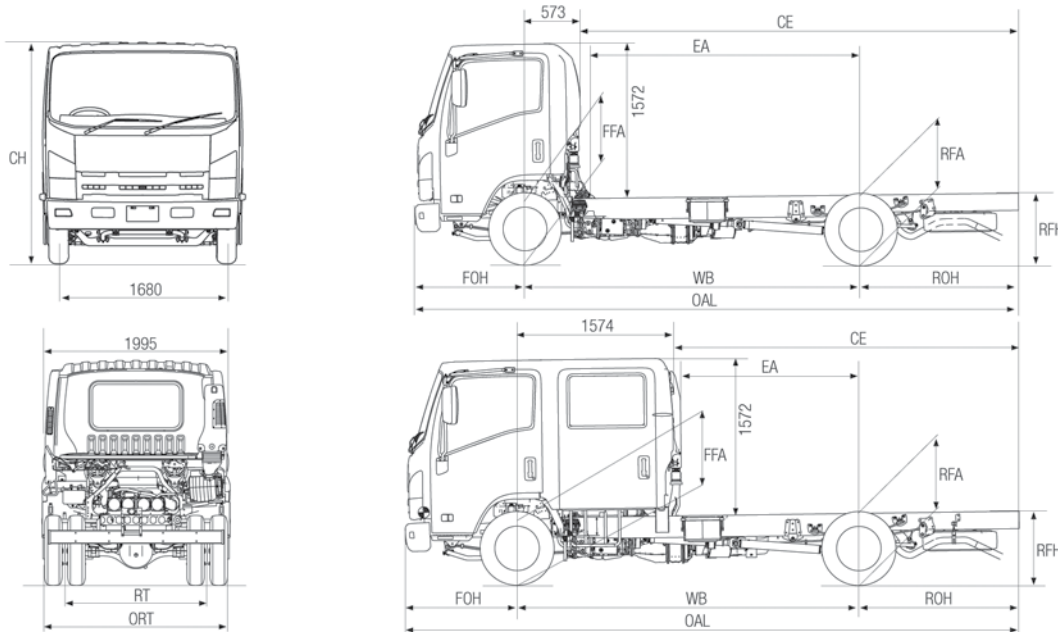
### Weights (kg)

Models	Ratings*		Loading Limit* (at ground)		Cab Chassis Mass#		
	GVM	GCM	Front	Rear	Front	Rear	Total
NNR 200 Short	4,500	8,000	2,360	4,480	1,515	695	2,210
NNR 200 Short AMT	4,500	8,000	2,360	4,480	1,525	720	2,245
NNR 200 Medium	4,500	8,000	2,360	4,480	1,520	720	2,240
NNR 200 Medium AMT	4,500	8,000	2,360	4,480	1,530	750	2,280
NNR 200 Crew	4,500	8,000	2,360	4,480	1,700	785	2,485
NNR 200 Crew AMT	4,500	8,000	2,360	4,480	1,710	815	2,525

Maximum Gross Trailer Mass: 750 kg (unbraked), 3,500 kg (braked) \* Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application. # Cab chassis only as supplied and including 10 litres of fuel.

### Dimensions (mm)

Models	WB	OAL	FOH	ROH	EA	CE	RT	ORT	CH	Turn Circle (m)			KERB TO KERB
										FFA (unladen)	RFA (unladen)	RFH (unladen)	
NNR 200 Short	2,795	5,248	1,110	1,343	2,110	3,565	1,485	1,915	2,260	630	745	785	9.7
NNR 200 Medium	3,395	6,098	1,110	1,593	2,710	4,415	1,485	1,915	2,260	635	740	785	11.8
NNR 200 Crew	3,395	6,098	1,110	1,593	1,730	3,414	1,485	1,915	2,260	630	735	785	11.8



### Performance (calculated - typical paved road)

Models	GVM	Geared Speed*	Low Speed Gradeability	Engine Speed
		(top gear at peak power engine RPM)	(lowest forward gear assuming no wheel slip)	(top gear at 100 km/h)
NNR 200	At 4,500 kg GVM	115 km/h @ 2,800 RPM	51%	2,430 RPM
NNR 200 AMT Pack	At 4,500 kg GVM	111 km/h @ 2,800 RPM	58%	2,530 RPM

### Isuzu Warranties

STANDARD <sup>1</sup>		
New Vehicle	3 years   100,000 km   2,000 hrs	
Cab Perforation Corrosion	3 years   Unlimited km	
EXTENDED <sup>2</sup>		
4 years   200,000 km	5 years   250,000 km	6 years   300,000 km

### Order Codes

Model	Code	Model	Code
NNR 200 Short	NH-NNRCA-A01	NNR 200 Medium AMT	NH-NNRCA-D01
NNR 200 Short AMT	NH-NNRCA-Z01	NNR 200 Crew	NH-NNRGA-B01
NNR 200 Medium	NH-NNRCA-B01	NNR 200 Crew AMT	NH-NNRGA-D01

<sup>1</sup> Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu NNR models carry 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 is available by purchase to cover the owner against the failure of original components, but may exclude some components and expendable items such as oil, filters, etc. Please consult with your Isuzu Dealer for full details obtained from a dedicated brochure available to customers.

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