

## NLS 200 All Wheel Drive



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

### AT A GLANCE

<b>GVM</b>	4,500 kg
<b>GCM</b>	6,000 kg (off road) 7,000 kg (on road)
<b>Power</b>	110 kW @ 2,800 rpm
<b>Torque</b>	375 Nm @ 1,600 – 2,800 rpm

### ADVANCED TECHNOLOGY

- Emissions: Euro IV – exceeds ADR80/02
- Driver and passenger airbag with seatbelt pretensioner
- On demand part-time all wheel drive system
- Anti-lock Braking System (ABS)
- Hill Start Aid (HSA)
- Electric mirrors
- Independent front torsion bar suspension



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

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

### TRANSMISSION

#### ISUZU MYY-5S

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

#### Gear ratios (:1)

1st	2nd	3rd	4th	5th	Rev
5.979	3.434	1.752	1.000	0.795	5.701

#### TRANSFER GEARBOX:

- On demand part-time all wheel drive controlled by viscous coupling.
- Ratio 1.00:1

### AXLES

#### Front: Isuzu FI026

- Fully independent wishbone. Full floating banjo type final drive with Birfield inner and outer joints and manual lock front hubs. 2,600 kg capacity.

#### Rear: Isuzu R050

- Full floating Banjo type. Four pinion limited slip differential. 5,000 kg capacity.
- Drive ratio: 4.300:1

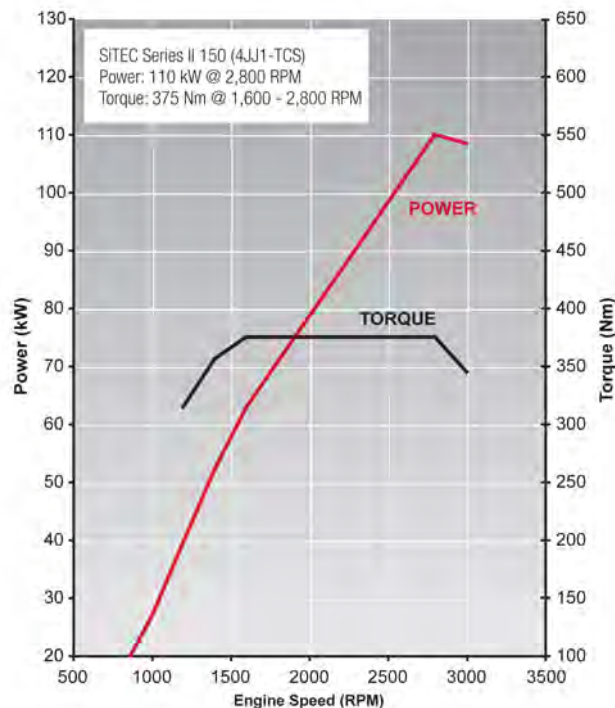
### SUSPENSION

#### Front:

- Torsion bar springs.
- Double acting hydraulic shock absorbers.

#### Rear:

- Taper leaf main spring, taper leaf helper spring.
- Double acting hydraulic shock absorbers.



### BRAKES

- Auto adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and electronic brake force distribution (EBD).
- ABS.
- Hill Start Aid (HSA).
- Front disc diameter: 285 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 rack and pinion.
- Turns lock to lock: 5.0
- Maximum angle: 35° (inside wheel) / 33° (outside wheel)

### WHEELS AND TYRES

- 16 x 5.5J five stud steel wheels.
- 205/85R16 117/115L Bridgestone G557 Tubeless.
- Maximum tyre rating
  - Steer axle: 2,240 kg at 475 KPa inflation pressure
  - Drive axle: 4,240 kg at 475 KPa inflation pressure
- 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

**FUEL TANK**

- Frame mounted 75L 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. Manual cab tilt to 45° with torsion bar assistance.
- 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.
- 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.

- 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.
- DPD regeneration.
- All wheel drive engage switch.
- **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, seatbelt unfastened, low fuel level, transfer gearbox oil temperature.
- **Indicator lamps:** Warm up system, high beam, DPD status, exhaust brake, all wheel drive engaged, turn signals.

**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.

