

ISUZU NPR 200/NPR 275



NPR 200 Short SRS pack pictured



ISUZU
RELIABILITY IS EVERYTHING

AT A GLANCE

GVM	4,490 - 5,200 kg
GCM	7,990 - 8,700 kg
Engine Type	Isuzu SiTEC 150
Displacement	5.2 L
Power	110 kW @ 2,600 rpm
Torque	404 Nm @ 1,500 - 2,600 rpm
Wheelbase	2,760 - 3,365 mm

UPGRADE OPTIONS

AMT Pack	Automated Manual Transmission (AMT)
SRS Pack	Driver's Airbag
Premium Pack	<ul style="list-style-type: none">• Driver's Airbag• Automated Manual Transmission (AMT)• Front foglamps

Driveline and Chassis Specification

Engine SiTEC 150 (ISUZU 4HK1-TCN)

Type: 4 cylinder 16 valve SOHC direct injection diesel.
Turbocharged and air-to-air intercooled.
Adjustable roller type rocker arms.

Displacement: 5,193 cc
Compression Ratio: 18.5:1
Bore x Stroke: 115 x 125 mm
Max power (80/1269/EEC-NET): 110 kW (148 HP) @ 2,600 RPM
Max torque (80/1269/EEC-NET): 404 Nm (298 lb.ft) @ 1,500 – 2,600 RPM
Emissions Standard: ADR 80/00 (Euro III)

Lubrication System

- Plate type cooler. 13 L capacity. Combined full flow main and bypass filter.

Cooling System

- 6 blade 440 mm diameter cooling fan with thermostatically controlled viscous clutch. Dual drive belts and thermostats.
- Radiator frontal area: 3,227 cm²
- Coolant capacity: 14 L

Air Intake System

- Vertical air intake mounted on back of cab. 220 x 320 mm air cleaner element.
- 500 x 370 mm air-to-air intercooler.

Fuel System

- Denso common rail fuel injection. Combined fuel filter and water separator.
- 100 L steel tank.

Clutch

Standard/SRS Pack:

- Auto adjusting hydraulic control with vacuum assistance.
- Single plate 325 mm diameter.
- Total lining area: 966 cm²

AMT/Premium Pack:

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

Transmission

Isuzu MYY-5T

Standard/SRS Pack: 5 speed manual. Synchromesh on gears 1-5

AMT/Premium Pack: 5 speed Automated Manual Transmission (AMT) with both fully automatic and clutchless manual operation modes.

All Models:

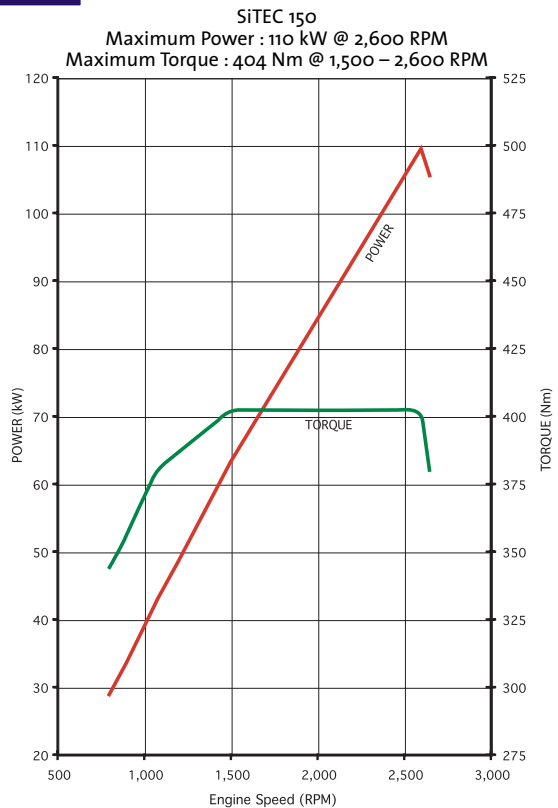
- PTO provision on LHS of transmission case. PTO drive from counter gear.
- Gear ratios (: 1)

1st	2nd	3rd	4th	5th	Rev
5.315	3.053	1.655	1.000	0.721	5.068

Axles

Front: Isuzu Fo27

- Reverse Elliot I-beam. 2,700 kg capacity.



ISUZU SiTEC 150 (4HK1-TCN) ENGINE PERFORMANCE CHART

Rear: Isuzu Ro50

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

Suspension

Front

- Single stage alloy steel taper-leaf springs.
- Nominal size: 1,300 x 70 mm
- Total spring capacity (at ground): 2,760 kg.
- Double acting hydraulic shock absorbers. Stabiliser bar.

Rear

- Multi-leaf main spring, taper leaf helper spring.
- Nominal size: 1,350 x 70 mm.
- Total spring capacity (at ground): 4,480 kg.
- Double acting hydraulic shock absorbers.

Brakes

- Auto-adjusting front disc and rear drum brakes with dual circuit hydraulic control, vacuum assistance and load sensing proportioning valve.
- Standard ABS and ASR traction control.
- Hill Start Aid (HSA) - except AMT/Premium Pack.
- Front disc diameter: 293 mm
- Rear drum diameter: 320 mm
- 190 mm diameter drum park brake mounted on rear of transmission.
- Vacuum controlled exhaust brake.

Wheels and Tyres

NPR 200/NPR 275 Short/Medium

- 16 x 5.50J Five stud wheels.
- 195/85R 16 114/112L Michelin XZA Tubeless.
- Maximum tyre rating: 1,180 kg per tyre (single tyres).
1,120 kg per tyre (dual tyres).
- 1 frame mounted spare wheel and tyre assembly.

Axle Load Summary

NPR 200/NPR 275 Short/Medium

	Front	Rear
Axle Capacity (kg):	2,700	5,000
Spring Capacity (kg):	2,760	4,480
Tyre Capacity (kg):	2,360	4,480
Limit (kg):	2,360	4,480

Note: Vehicle loading limit is determined by the combination of axle loading limit, GVM and GCM limit, and government regulatory requirements. Consult your Isuzu dealer to select the correct vehicle for your specific application.

Steering

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

Chassis Frame

- Cold riveted ladder frame. JIS-SAPH440 weldable steel. Parallel side rails and rivetless top flange.
- Frame dimensions
Side rail (mm): 216 x 70 x 6.0
Rear frame width (mm): 850

Electrical System

- 24 Volt electrical system.
- 24 Volt, 60 Amp alternator.
- 24 Volt, 4.5 kW starter motor.
- 2x 80D26R (582CCA) batteries connected in series.

Cabin Specifications and Appointments

Cab Exterior

- All steel cab with side door impact door protection beams. Outer body panels galvanised and treated with corrosion resistant primer.
- Cab built to comply with ECE-R29 crash safety tests.
- Manual cab tilt to 45°.
- Access to fluid checkpoints without tilting cab.
- Four point tuned rubber cab mounting.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced doors.
- Water spray suppression guards, and front mudflaps.
- Laminated windscreen.
- Two speed windscreen wipers, with intermittent wipe mode.
- Single piece halogen multi-reflector headlamps incorporating turn signals.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- "West Coast" type rear view mirrors. Large flat mirror glass with additional, independently adjustable convex "spot" mirror on both sides.
- Front bumper – **Standard/AMT/SRS Pack:** Body coloured impact resisting polycarbonate with steel backing frame. **Premium Pack:** As above with front foglamps.

Cab Interior

- Wide contoured driver's bucket seat, lumbar support, reclining back, fore-aft adjustment. Two person passenger bench seat, with folding seat back. Seat tilts for access to engine. Durable, fire resistant cloth seat facing.
- 3-point, lap sash seatbelts with emergency locking belt retractors in all outboard seating positions.
- **SRS Pack/Premium pack:** Driver's airbag.
- **AMT/Premium pack:** Driver's footrest.
- Door and "A" pillar entry assist grips.
- Full interior trim, padded roof lining, and vinyl floor mats. Windscreen header storage shelf.

- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Electric windows.
- Central locking with remote keyless entry.
- Twin cup holders. Cigarette lighter.
- Centre console box with two storage trays. Fold down storage tray behind centre seat backrest.
- Standard fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Fore-aft adjustable roof vent.
- Interior lamp with On/Door/Off switch activated by either door.
- Two speaker Eurovox Radio/CD player with digital anti skip memory.
- Optional 10 stack CD player.
- DIN sized compartment below radio 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/Premium Pack.
- ASR on/off switch.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals and headlamps.
- **AMT/Premium pack:** AMT slow/fast gear engagement control.
- Optional cruise control.

Instrumentation

- **Gauges:** Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.
- **Warning lamps:** Low battery charge, brake failure, low fuel level, glow plug/engine malfunction, low oil pressure, water separator.
- **Indicator lamps:** Turn signals, parking brake, high beam, exhaust brake engaged.
- **AMT/Premium Pack:** Gear selection display.

