

ISUZU NPR 200 NPR 250

(Crew cab and automatic models also available - refer separate specification sheet)



ISUZU
RELIABILITY IS EVERYTHING

AT A GLANCE

GVM	4,490 kg
GCM	7,990 kg
Engine Type	Isuzu SiTEC 140
Displacement	4.8 L
Power	103 kW @ 2,800 rpm
Torque	363 Nm @ 1,200-1,400 rpm
Wheelbase	2,760 - 3,365 mm

NPR 200 Short / Medium

NPR 250 Medium

DRIVELINE & CHASSIS SPECIFICATIONS

ENGINE: SITEC 140 (ISUZU 4HE1-XN)

Type: 4 cylinder, 4 stroke, SOHC, direct injection diesel.
 Turbocharged and air-to-air intercooled.
 Adjustable roller type rocker arms.
 Variable swirl system.

Displacement: 4,751 cc

Compression Ratio: 17.3:1

Bore x Stroke: 110 x 125 mm

Max power (DIN NET): 103 kW @ 2,800 RPM

Max torque (DIN NET): 363 Nm @ 1,200 - 1,400 RPM

Emissions Standard: ADR 80/00 (USEPA 1998)

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

COOLING SYSTEM

- 6 blade, 440 mm diameter cooling fan with thermostatically controlled viscous clutch. Dual drive belts and thermostats. Radiator frontal area: 3,717 cm². 12.5 L coolant capacity.

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

- Zexel MI-TICS mechanically integrated in line injection pump. Fuel/water separator with warning lamp.
- 100 L steel tank (NPR 200), 125 L steel tank (NPR 250).

CLUTCH

- Self adjusting hydraulic control. Single plate 300 mm diameter.
- Asbestos free lining material.
- Total lining area: 847 cm².

TRANSMISSION

ISUZU MYY-5T 5 Speed manual

- 5 forward speeds including overdrive.
 - Synchromesh on all forward gears.
 - 2.8 L oil capacity.
 - 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 F027

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

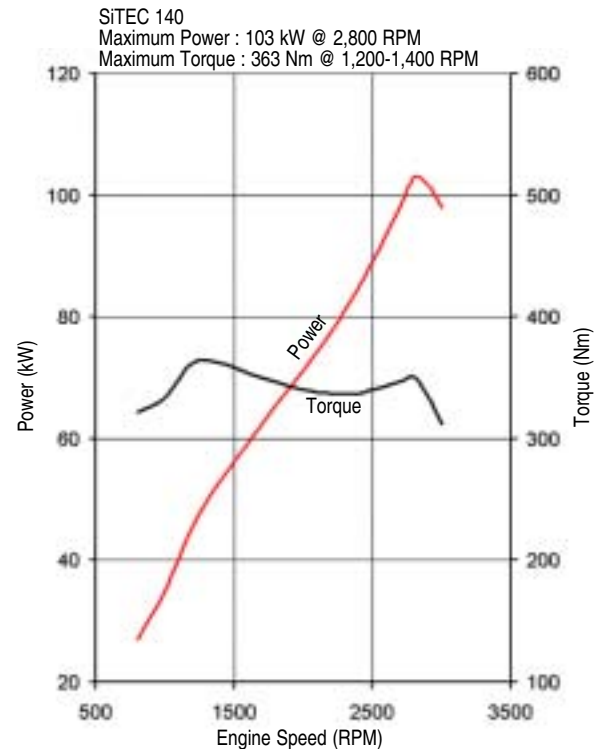
REAR: ISUZU R050

- Full floating Banjo type. Four differential pinions. 5,000 kg capacity.
- Drive ratio: 4.777:1 (NPR 200), 5.125:1 (NPR 250)

SUSPENSION

FRONT

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



ISUZU SITEC 140 (4HE1-XN) ENGINE PERFORMANCE CHART

REAR

- Two stage, alloy steel, multi-leaf springs.
- Nominal size: 1,350 x 70 mm
- Total spring capacity (at ground): 4,470kg (NPR 200), 4,500kg (NPR 250)
- Double acting, hydraulic shock absorbers.

BRAKES

- Front and rear drum brakes with dual circuit hydraulic control, vacuum assistance and load sensing proportioning valve.
- Front drum diameter (mm): 320
- Rear drum diameter (mm): 320
- Swept area (cm²): 3,016
- Asbestos free lining material.
- 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: 4.9
- Wheel cut angle (inside wheel): 47.5° (NPR200), 42.5° (NPR 250).

WHEELS AND TYRES

NPR 200 SHORT/MEDIUM

- 5.50J x 16 Five stud wheels.
- 195/85R 16 Michelin XZA Tubeless tyres.
- Maximum tyre rating: 1,000 kg per tyre (single tyres).
950 kg per tyre (dual tyres).
- 1 frame mounted spare wheel and tyre assembly.

NPR 250 MEDIUM

- 6.00J x 17.5 Six stud wheels.
- 205/75R 17.5 Michelin XZE1 Tubeless.
- Maximum tyre rating: 1,600 kg per tyre (single tyres),
1,500 kg per tyre (dual tyres).
- 1 frame mounted spare wheel and tyre assembly.

AXLE LOAD SUMMARY

NPR 200 SHORT/MEDIUM

	FRONT	REAR
Axle Capacity (kg):	2,700	5,000
Spring Capacity (kg):	2,760	4,470
Tyre Capacity (kg):	2,000	3,800
Limit (kg):	2,000	3,800

NPR 250 MEDIUM

	FRONT	REAR
Axle Capacity (kg):	2,700	5,000
Spring Capacity (kg):	2,760	4,500
Tyre Capacity (kg):	3,200	6,000
Limit (kg):	2,700	4,500

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.

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, 50 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, side door impact protection beams. Outer body panels galvanised, corrosion resistant primer treated cab.
- 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.
- Body coloured impact resisting polycarbonate front bumper, steel backing frame.
- Heavy duty aluminium non slip entry steps.
- 90° opening internally reinforced door.
- Water spray suppression guards, front mudflaps.
- Laminated windscreen.
- 2 speed windscreen wiper system, intermittent wipe mode, triple washer jets.
- Single piece halogen 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.

CAB INTERIOR

- Wide contoured driver's bucket seat, lumbar support, reclining back, fore-aft adjustment. Two person passenger bench seat, 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.
- Door and "A" pillar entry assist grips.
- Full interior panel trim, padded roof lining, 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.
- Centre console box with two storage trays. Fold down storage tray behind centre seat backrest.
- Heater/Demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Fore-aft adjustable roof vent.
- Standard fully integrated air conditioning.
- 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.
- Left side combination stalk: Windscreen wipers, washers and exhaust brake.
- Right side combination stalk: Turn signals and headlamps.

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.

