

# NPR425/450

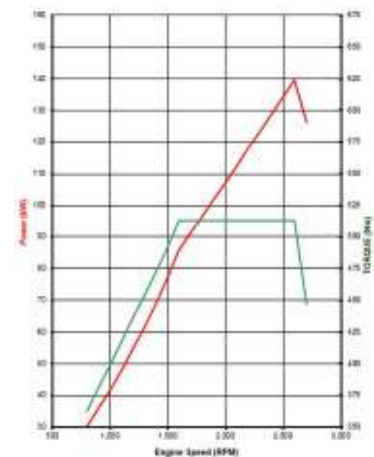


# 4x2

| MODEL          | NPR450  | NPR450L | NPR425  | NPR425L |
|----------------|---------|---------|---------|---------|
| GVM (kg)       | 7,500   | 7,500   | 5,995   | 5,995   |
| GCM (kg)       | 11,000  | 11,000  | 11,000  | 11,000  |
| Max Power (kW) | 140     | 140     | 140     | 140     |
| Wheelbase (mm) | 3365    | 4175    | 3365    | 4175    |
| License**      | Class 2 | Class 2 | Class 1 | Class 1 |



| ENGINE                  |  |                   |                      |
|-------------------------|--|-------------------|----------------------|
| Engine Model            | ISUZU 4HK1-TCC   | Type              | 4 cyl 16 valve, SOHC |
| Displacement            | 5,193 cc   | Compression Ratio | 16.5:1               |
| Max Power (DIN Nett)    | 140kW (188HP) @2,600 RPM   |                   |                      |
| Max Torque (DIN Nett)   | 513 Nm (378 lb.ft) @1,600 – 2600 RPM   |                   |                      |
| Emission Control System | Euro V with cooled EGR and Diesel Oxidation Catalyst (DOC)   |                   |                      |
| Fuel System             | Direct injection high pressure common rail system<br>140 litre fuel tank with lockable fuel cap. Water-in-fuel sensor standard |                   |                      |
| Air Intake System       | Electronically controlled variable nozzle turbocharger with air-to-air intercooler.  |                   |                      |



| CLUTCH    |  | PERFORMANCE  |                           |
|-----------|--|--|---------------------------|
| Standard: | Auto adjusted 325mm diameter single plate clutch, vacuum assisted. | Est Engine RPM @90km/h: 2040, (AMT): 2146                                | Speed Limit: Customisable |
|           |  | Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip) 47-63% |                           |

| TRANSMISSION |  |
|--------------|--|
| Manual:      | ISUZU MZZ-6F 6-spd manual, synchromesh on 1st to 6th   |
| Ratios (:1)  | 1st 6.369, 2nd 3.767 3rd 1.966, 4th 1.355, 5th 1.000, 6th 0.782, Rev 6.369                   |
| AMT: (opt)   | ISUZU MZZ-6F 6-Speed Automated Manual (AMT) full automatic and sequential manual shift modes |
| PTO:         | Provision on LHS of transmission case, countershaft driven & with wiring harness provided    |

| AXLES  |   |
|--------|---|
| Front: | Isuzu F031. Elliot reverse I-beam: 3,100Kgs capacity          |
| Rear:  | Isuzu R066. Full floating banjo type housing 6,600Kg capacity |
| Ratio: | 3.909 & 4.1 for AMT Transmission                              |

| WHEELS AND TYRES   |  |
|--|--|
| <ul style="list-style-type: none"> <li>17.5 x 6.0 x 127mm 6-stud steel wheel rims</li> <li>Front: 215/75R17.5 124/122M</li> <li>Rear: 215/75R17.5 124/122M</li> <li>Silver painted wheel rims and frame mounted spare wheel</li> </ul> |  |

| CHASSIS  |   |  |  |
|--|---|--|--|
| Suspension   | Chassis   | Brakes   | Electrical & Steering  |
| <p>Front Suspension</p> <ul style="list-style-type: none"> <li>Single stage alloy taper-leaf</li> <li>Double acting shock absorber</li> <li>Stabiliser bar</li> </ul> <p>Rear Suspension</p> <ul style="list-style-type: none"> <li>Multi Leaf Main Spring, taper-leaf helper spring</li> <li>Double acting shock absorbers with stabiliser bar</li> </ul> | <ul style="list-style-type: none"> <li>Cold riveted ladder frame &amp; side members, rivet-less top flange</li> <li>JSH440 weldable steel</li> <li>Rail dimensions (mm) 216 x 70 x 6</li> <li>Frame width (mm) 850</li> </ul> | <ul style="list-style-type: none"> <li>Auto adjusting front &amp; rear disc with hydraulic dual circuit control, vacuum assisted with Electronic Brake</li> <li>Distribution (EBD)</li> <li>ABS and ASR (traction control)</li> <li>Hill Start Aid (except AMT)</li> <li>Front disc diameter 310 x 42mm</li> <li>Rear disc diameter 310 x 42mm</li> <li>203mm diameter drum park brake on rear of transmission.</li> </ul> | <p>Electrical:</p> <ul style="list-style-type: none"> <li>24-volt negative earth system</li> <li>90-amp alternator</li> <li>Batteries - 2 x 80D26L 80Ah, 630CCA</li> </ul> <p>Steering</p> <ul style="list-style-type: none"> <li>Power assisted recirculating ball steering.</li> <li>Turns lock-to-lock 5.4</li> <li>Gear Ratio 20.9:1</li> <li>Maximum angle: 48° (inside wheel) / 35° (outside wheel)</li> </ul> |

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## CAB AND INTERIOR

| Cab Exterior   | Cab Interior  | Instruments and Controls  |
|--|---|---|
| <ul style="list-style-type: none"> <li>All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement</li> <li>Cab is fully compliant with ECE-R29 crash tests</li> <li>Manual cab tilt to 45° with torsion bar assistance</li> <li>Liquid filled front and rear cab mounts</li> <li>Heavy duty non-slip cab entry steps</li> <li>70° opening doors</li> <li>Cab mounted main mirrors on front of cab</li> <li>Halogen multi-reflector headlamps with integral front turn signals</li> <li>Additional door mounted turn signals</li> <li>Polycarbonate front bumper with steel frame</li> <li>Combined brake/turn/reverse/marker lamps</li> <li>Registration plate lamps</li> <li>Reverse alarm buzzer standard</li> </ul> | <ul style="list-style-type: none"> <li>Contoured adjustable driver's bucket seat with mechanical suspension rated to 130 kg</li> <li>3-point seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelts fitted with pretensioner. Centre seat lap belt</li> <li>Air bag for both outer seats.</li> <li>SRS including air bag for driver and passenger</li> <li>Door and pillar entry assist grips both sides</li> <li>Lined interior, padded roof lining &amp; vinyl floor covers</li> <li>RH and LH overhead storage shelf</li> <li>Height/reach adj steering column, soft-feel urethane steering wheel with audio controls.</li> <li>Electric windows</li> <li>Central locking with keyless entry &amp; immobiliser</li> <li>Twin cup holders, 24V cigarette lighter</li> <li>Integrated air conditioning with 4 speed fan</li> <li>Door mounted storage pockets</li> <li>Fluorescent interior light</li> <li>Spare DIN sized communications compartment</li> <li>Multimedia unit with 6.2" LCD touch screen. Android OS. DAB+ digital radio, integrated Bluetooth with voice recognition. Inbuilt media viewer. Internet radio via smartphone. 32GB file storage. USB &amp; auxilliary inputs.</li> <li>OPTIONS: (full details from your Isuzu dealer). Telematics. Supports up to five camera inputs, one digital camera, reversing sensors, tyre pressure monitoring.</li> <li>ADAS (Advanced Driver Assistance System).</li> <li>Wireless phone charger for Qi enabled phones.</li> </ul> | <ul style="list-style-type: none"> <li>Speedometer with digital odometer, tachometer, integrated dual trip meter, engine coolant temperature, fuel level gauge.</li> <li>Two-speed wipers with intermittent wipe mode</li> <li>Key operated engine start/stop, steering lock</li> <li>HSA slow/fast engagement control with on/off switch (except AMT), ASR on/off switch</li> <li>AMT: slow/fast clutch engagement control, 1st gear selection, economy mode</li> <li>LH combination stalk: Windscreen wipers, washers &amp; exhaust brake</li> <li>RH combination stalk: Indicators, light switch &amp; headlamp dip switch, cruise control, (AMT only)</li> <li>Warning lamps: Check engine, oil pressure, ABS, SRS, alternator charge, service brake, park brake on, seat belt unbuckled, AMT check</li> <li>Indicator lamps – HSA (except AMT), warm-up system, high beam, 1st gear start, turn signals</li> <li>AMT model: Multi-information display. Shows service interval, instantaneous &amp; average fuel consumption, hour meter, voltmeter, time/day/date &amp; includes 40-120 km/h adjustable vehicle, speed warning.</li> </ul> |

## WEIGHTS (KG)

| Model Codes          | Models  | Ratings* |       | Loading Limits (at ground)* |      | Chassis Cab Tare Mass** |      |       |
|----------------------|---------|----------|-------|-----------------------------|------|-------------------------|------|-------|
|                      |         | GVM      | GCM   | Front                       | Rear | Front                   | Rear | Total |
| NP1318 / NP1418(AMT) | NPR450  | 7500     | 11000 | 3100                        | 6400 | 1800                    | 890  | 2690  |
| NP1518/NP1618(AMT)   | NPR450L | 7500     | 11000 | 3100                        | 6400 | 1820                    | 910  | 2730  |
| NP2118/NP2218(AMT)   | NPR425  | 5995     | 11000 | 3100                        | 6400 | 1800                    | 890  | 2690  |
| NP2518/NP2618(AMT)   | NPR425L | 5995     | 11000 | 3100                        | 6400 | 1820                    | 910  | 2730  |

\* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

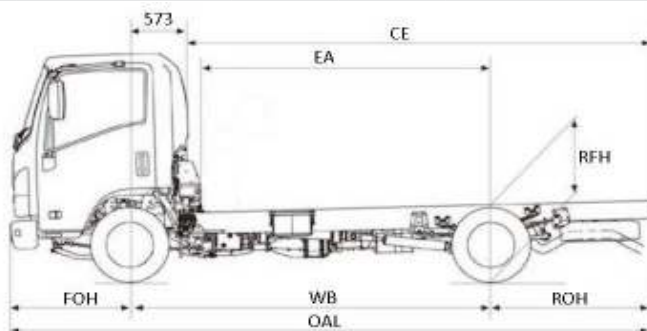
\*\* Chassis cab as supplied from the factory including 10 litres of fuel

## DIMENSIONS (mm)

\*Unladen condition

Turn Circle (m)

| Models       | WB   | OAL  | overall height* | FOH  | ROH  | EA   | outside rear track | CE   | cab width | RFH * | Kerb to Kerb |
|--------------|------|------|-----------------|------|------|------|--------------------|------|-----------|-------|--------------|
| NPR425-450   | 3365 | 5985 | 2270            | 1110 | 1510 | 2680 | 2115               | 4302 | 2040      | 795   | 12.4         |
| NPR425L-450L | 4175 | 7338 | 2270            | 1110 | 2053 | 3490 | 2115               | 5655 | 2040      | 795   | 15.3         |



## WARRANTY

Full vehicle warranty: 36 months or 100,000 kilometres whichever occurs first  
All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement

A policy of continuous improvement means that these specifications are subject to change without notice. Contact a Isuzu dealer or visit [Isuzu.co.nz](http://Isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ from the actual vehicle.