

NPR425-450

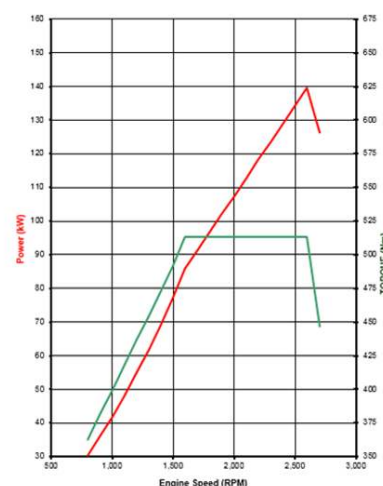


Crew Tipper 4x2

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



| 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. 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 (optional) | ISUZU 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"> 17.5 x 6.0 x 127mm 6-stud steel wheel rims Front axle: 215/75R17.5 124/122M Rear axle: 215/75R17.5 124/122M Silver painted wheel rims and frame mounted spare wheel | |

| CHASSIS | | | |
|--|---|--|--|
| Suspension | Chassis | Brakes | Electrical & Steering |
| <p>Front Suspension</p> <ul style="list-style-type: none"> Single stage alloy taper-leaf Double acting shock absorber Stabiliser bar <p>Rear Suspension</p> <ul style="list-style-type: none"> multi-leaf Main Spring, taper-leaf helper spring Double acting shock absorbers with stabiliser bar | <ul style="list-style-type: none"> Cold riveted ladder frame & side members, rivet-less top flange JSH440 weldable steel Rail dimensions (mm)216 x70x6 Frame width (mm) 850 | <ul style="list-style-type: none"> Auto adjusting front & rear disc with hydraulic dual circuit control, vacuum assisted with Electronic Brake Distribution (EBD) ABS and ASR (traction control) Hill Start Aid (except AMT) Front disc diameter 310 x 42mm Rear disc diameter 310 x 42mm 203mm diameter drum park brake on rear of transmission | <p>Electrical:</p> <ul style="list-style-type: none"> 24 volt negative earth system 90-amp alternator Batteries - 2 x 80D26L 80Ah, 630CCA. <p>Steering:</p> <ul style="list-style-type: none"> Power assisted recirculating ball steering. Gear ratio: 20.9:1 Turns lock to lock: 5.4 Maximum angle: 43° (inside wheel) / 33° (outside wheel) |

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June19

CAB AND INTERIOR

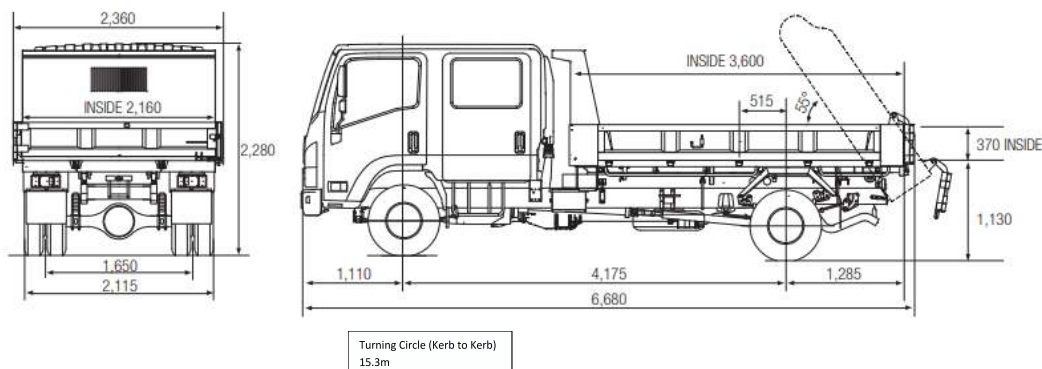
| Cab Exterior | Cab Interior | Instruments and Controls |
|---|--|---|
| <ul style="list-style-type: none"> All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement Cab is fully compliant with ECE-R29 crash tests Rubber front and rear cab mounts Heavy duty non-slip cab entry steps 90° opening doors Cab mounted main mirrors on front of cab Halogen multi-reflector headlamps with integral front turn signals, additional door mounted turn signals Polycarbonate front bumper with steel frame Combined brake/turn/reverse/marker lamps Registration plate lamps Reverse alarm buzzer standard <p>TIPPER BODY:</p> <ul style="list-style-type: none"> All steel body with drop sides. Auto release two-way tailgate. Auto release body lock-down hook. Shovel rack. LH & RH rope rails. Non-slip side steps. 20 second raise / 20 second lower time. Cubic volume: 3.0 m3 (single cab), 2.8 m3 (crew cab) Deck plate thickness: 3.2 mm Side / front / tail plate thickness: 2.3 mm <p>CAB INTERIOR</p> <ul style="list-style-type: none"> Engine access provided under removable driver seat base and tiltable front passenger seat. Passenger bench seat with capacity for two adults | <p>CAB INTERIOR (continued)</p> <ul style="list-style-type: none"> Rear bench seat with 4 seat capacity 3-point seatbelts in all outboard seating positions. Driver & outboard front passenger seatbelts fitted with pretensioner. Centre seat lap belts Air bag for both front outer seats Door & pillar entry assist grips both sides Crew cab: Full width rear grab rail RH and LH overhead storage shelf Height/reach adjustable steering column, soft-feel urethane steering wheel with audio controls Electric windows Central locking with keyless entry & immobiliser Twin cup holders, 24V cigarette lighter Integrated air conditioning with 4 speed fan Door mounted storage pockets Interior light Spare DIN sized communications compartment Multimedia unit with 6.2" LCD touch screen. <p>Android OS. DAB+ digital radio, integrated Bluetooth with voice recognition. Inbuilt media viewer. Internet radio via smartphone. 32GB file storage. USB & auxilliary inputs.</p> <p>OPTIONS: (full details from your Isuzu dealer) Telematics system. Supports up to five camera inputs. One digital camera, Reversing sensors, tyre pressure monitoring.</p> <p>ADAS (Advanced Driver Assistance System).</p> <p>Wireless phone charger for Qi enabled phones</p> | <ul style="list-style-type: none"> Speedometer with digital odometer, tachometer, integrated dual trip meter, engine coolant temperature, fuel level gauge. Two-speed wipers with intermittent wipe mode Key operated engine start/stop, steering lock HSA slow/fast engagement control with on/off switch (except AMT), ASR on/off switch AMT: slow/fast clutch engagement control, 1st gear selection, economy mode LH combination stalk: Windscreen wipers, washers & exhaust brake RH combination stalk: Indicators, light switch & headlamp dip switch, cruise control, (AMT only) Warning lamps: Check engine, oil pressure, ABS, SRS, alternator charge, service brake, park brake on, seat-belt, AMT check Indicator lamps – HSA (except AMT), warm-up system, high beam, 1st gear start, turn signals AMT model: Multi-information display. Shows service interval, instantaneous & average fuel consumption, hour meter, voltmeter, time/day/date & includes 40-120 km/h adjustable vehicle, speed warning. |

WEIGHTS (KG)

| Model Codes | Models | Ratings* | | Loading Limits (at ground)* | | Chassis Cab Tare Mass** | | |
|-------------|---------------------|----------|-------|-----------------------------|------|-------------------------|------|-------|
| | | GVM | GCM | Front | Rear | Front | Rear | Total |
| NP3618 | NPR425C Tipper | 5995 | 11000 | 3100 | 6400 | 2124 | 1782 | 3906 |
| NP3418 | NPR450C Tipper | 7500 | 11000 | 3100 | 6400 | 2124 | 1782 | 3906 |
| NP3718 | NPR425 C AMT Tipper | 5995 | 11000 | 3100 | 6400 | 2124 | 1782 | 3906 |
| NP3518 | NPR450 C AMT Tipper | 7500 | 11000 | 3100 | 6400 | 2124 | 1782 | 3906 |

* 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



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 to confirm specifications. Images of vehicles are representative only and may differ from the actual vehicle.