

NPR450

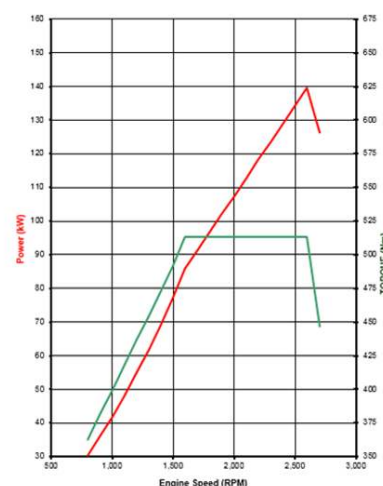


4x2 Tipper



MODEL	NPR450
GVM (kg)	7,500
GCM (kg)	11,000
Max Power (kW)	140
Wheelbase (mm)	3365
License	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) 47-68%	

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 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	
• 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 Manual cab tilt to 45° with torsion bar assistance Liquid filled 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 tailgate Auto release body lock-down hook Shovel rack, rope rails, non-slip side steps 20 second lift and lower time 3.0m³ bin volume Deck plate 3mm thick, all sides 2.3mm thick 	<ul style="list-style-type: none"> Contoured adjustable driver's bucket seat with mechanical suspension rated to 130 kg 3-point seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelts fitted with pretensioner. Centre seat lap belt Air bag for both outer seats. SRS including air bag for driver and passenger Door and pillar entry assist grips both sides Lined interior, padded roof lining & vinyl floor covers RH and LH overhead storage shelf Height/reach adj 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 Fluorescent interior light Spare DIN sized communications compartment 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 & auxilliary inputs. OPTIONS: (full details from your Isuzu dealer). Telematics. Supports up to five camera inputs, one digital camera, reversing sensors, tyre pressure monitoring. ADAS (Advanced Driver Assistance System). Wireless phone charger for Qi enabled phones. 	<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.

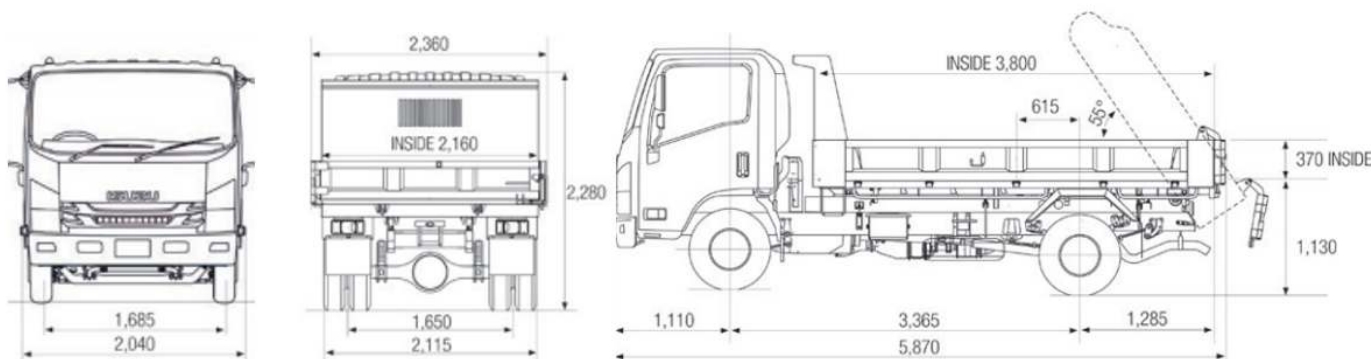
WEIGHTS (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
NP3018	NPR450 Tipper	7500	11000	3100	6400	1976	1672	3648
NP3118	NPR450 Tipper AMT	7500	11000	3100	6400	1976	1672	3648

* 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

Turning circle (kerb to kerb) 12.4m



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.