

NPS450

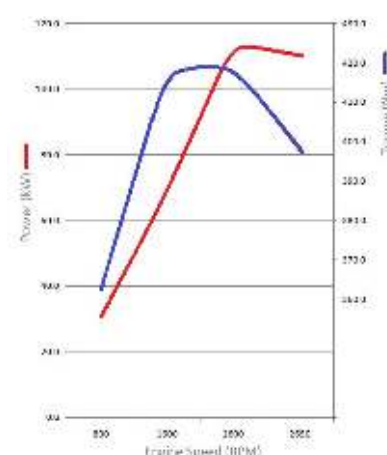


4x4

MODEL	NPS450	NPS425
GVM (kg)	7,500	5,995
GCM (kg)	11,000	11,000
Max Power (kW)	114	114
Wheelbase (mm)	3395	3395
License**	Class 2	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)	114kW (155 HP) @2,600 RPM		
Max Torque (DIN Nett)	419 Nm (309 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: 2579	Speed Limit:	Customisable
		Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip)		43-58%

TRANSMISSION	
Manual:	ISUZU MYY-5A 5 speed manual, synchromesh on 1st to 5th
Ratios (:1)	1st 5.315, 2nd 2.908 3rd 1.558, 4th 1.000, 5th 0.721, Rev 5.068
Transfer case:	Part time 4WD High ratio 1.00:1, low ratio 1.842:1
PTO:	Provision on LHS of transmission case, countershaft driven & with wiring harness provided

AXLES	
Front:	ISUZU FDO31, 3,100kg capacity with manual locking free-heel hubs
Rear:	Isuzu R066. Full floating banjo type housing 6,600Kg capacity with Limited Slip Differential, 5.571

WHEELS AND TYRES	
<ul style="list-style-type: none"> 17.5 x 6.0 x 127mm 6-stud steel wheel rims Front axle: Bridgestone 225/80R17.5-123/122L tyres Rear axle: Bridgestone 225/80R17.5-123/122L tyres 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 	<ul style="list-style-type: none"> Cold riveted ladder frame & side members, rivet-less top flange JSH440 weldable steel Rail dimensions (mm) 216 x 70 x 6 Frame width (mm) 850 	<ul style="list-style-type: none"> Anti-Lock Braking System (ABS), active in high range gear selection Front and rear drums with hydraulic dual circuit control, hydraulic assisted with load sensing proportioning valve Front drums 320 x 100mm Rear drum 320mm x 100mm 190mm diameter drum park brake on rear of transmission Exhaust brake 	<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: 3.7 Maximum angle: 38° (inside wheel) / 30° (outside wheel)

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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 70° 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 	<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 & auxiliary 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 and two trip meters, tachometer, engine coolant temperature, fuel level gauges Two-speed wipers with intermittent mode Key operated engine start/stop, steering lock High/low range and 4WD engagement switches LH combination stalk: Windscreen wipers, washers and exhaust brake RH combination stalk: Light switch, turn signals, headlamp dip switch Warning lamps: Check engine, oil pressure, SRS, ABS, alternator charge, service brakes, park brake on, seat belt unbuckled, low fuel. Indicator lamps – Warm up, system, high-beam, exhaust brake on, turn-signals, Low range on, 4WD engaged, turn signals

WEIGHTS (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
NP1715	NPS425	5995	11000	3100	6000	1975	980	2955
NP1815	NPS450	7500	11000	3100	6000	1975	980	2955

* 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

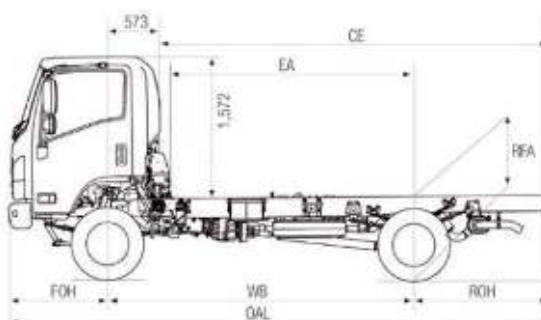
** Chassis cab as supplied from the factory including 10 litres of fuel

DIMENSIONS (mm)

*Unladen condition

Turn Circle (m)

Models	WB	OAL	overall height	FOH	ROH	EA	outside rear track	CE	cab width	RFA *	Kerb to Kerb
NPS425	3395	5985	2495	1080	1510	2795	2120	4305	2040	950	13.6
NPS450	3395	5985	2495	1080	1510	2795	2120	4305	2040	950	13.6



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.