

# NMR250Tipper



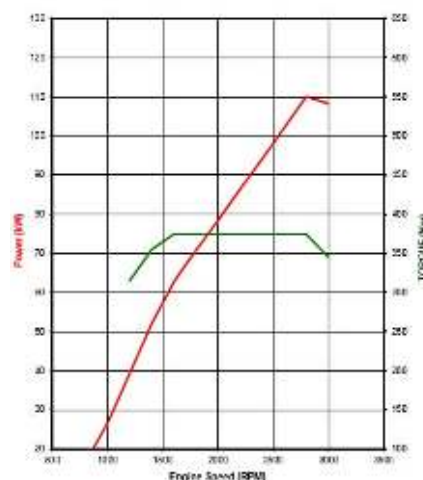
4x2



MODEL	NMR250 Tipper
GVM (kg)	5,995
GCM (kg)	9,500*
Max Power (kW)	110
Wheelbase (mm)	2490
License**	Class 1

\*AMT transmission models 8,000Kg GCM

ENGINE			
Engine Model	ISUZU 4JJ1-TCS	Type	4 cyl 16 valve, DOHC
Displacement	2,999cc	Compression Ratio	16.5:1
Max Power (DIN Nett)	110kW (150 HP) @2,800 RPM		
Max Torque (DIN Nett)	375Nm (276 lb.ft) @ 1,450 rpm		
Emission Control System	Euro V with cooled EGR and Diesel Particulate Diffuser		
Fuel System	Electronically controlled direct injection, high pressure common rail. 75 litre fuel tank with lockable fuel cap. Water-in-fuel sensor standard		
Air Intake System	Electronically controlled variable nozzle turbo charger with air-to-air		



CLUTCH		PERFORMANCE	
Standard:	• Auto-adjusting vacuum assisted hydraulic control. Single plate 300mm diameter.	Est Engine RPM @90km/h :2330, (AMT) 2185	Speed Limit: opt: 90/100kmh
with AMT:	• Automated hydraulically controlled wet clutch & torque convertor with lock up.	Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip)	49%

TRANSMISSION	
Manual:	ISUZU MYY5T - 5 spd manual, (Standard). Synchromesh on 1st to 5th
Ratios (:1)	1st 5.315, 2nd 3.053 3rd 1.655, 4th 1.0, 5th 0.721, Rev 5.701
AMT (optional)	ISUZU MYY6E 6-Speed Automated Manual (AMT) full automatic and sequential manual shift modes
Ratios (:1)	1st 5.979, 2nd 3.434 3rd 1.862, 4th 1.297, 5th 1.000, 6th 0.750, Rev 5.701
PTO:	Provision on LHS of transmission case, countershaft driven & with wiring harness provided

AXLES	
Front	Isuzu FO26, Fully independent wishbone. 2,600 kg capacity.
Rear	Isuzu RO50, Full floating banjo type housing. 5,000 kg capacity
Ratio:	5.125 (man) 4.30 (AMT)
WHEELS AND TYRES	
• 16.0 x 5.5J 5-stud steel wheel rims	
• Front axle: 195/85 R16C 114/112 L	
• Rear axle: 195/85 R16C 114/112 L	
• Silver painted wheel rims and frame mounted spare wheel	

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
<b>Front Suspension</b> <ul style="list-style-type: none"> <li>Coil spring - independent</li> <li>Double acting shock absorber</li> <li>Stabiliser bar</li> </ul> <b>Rear Suspension</b> <ul style="list-style-type: none"> <li>Taper leaf spring with helper spring</li> <li>Double acting shock absorbers</li> </ul>	<ul style="list-style-type: none"> <li>Cold riveted ladder frame</li> <li>Rail dimensions (mm)180x65x4</li> <li>SAPH440 weldable steel</li> </ul>	<ul style="list-style-type: none"> <li>Auto adjusting disc brakes, dual circuit hydraulic control, vacuum assistance with electronic brake force distribution (EBD).</li> <li>ABS, ASR traction control, EVSC stability control.</li> <li>Hill Assist - except with AMT.</li> <li>Front &amp; Rear disc diameter: 293 mm.</li> <li>190 mm diameter drum park brake mounted on rear of transmission.</li> <li>Vacuum controlled exhaust brake.</li> </ul>	<b>Electrical:</b> <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> <b>Steering:</b> <ul style="list-style-type: none"> <li>Power assisted rack and pinion.</li> <li>Turns lock to lock: 4.2</li> <li>Maximum angle: 38° (inside wheel) / 34.75° (outside wheel)</li> </ul>

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Feb20

## CAB AND INTERIOR

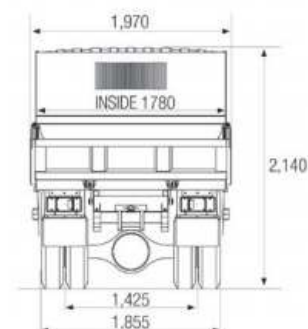
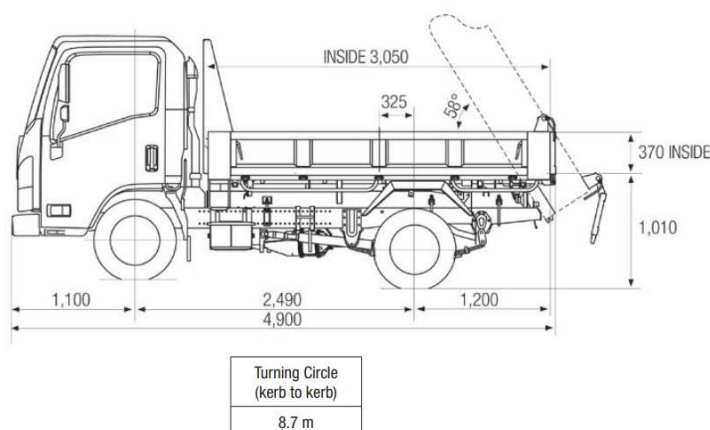
Cab Exterior	Cab Interior	Instruments and Controls
<ul style="list-style-type: none"> <li>All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement</li> <li>Cab is fully compliant with ECE-R29 crash tests</li> <li>Manual cab tilt to 45° with torsion bar assistance</li> <li>Liquid filled front and rear cab mounts</li> <li>Heavy duty non-slip cab entry steps</li> <li>90° 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> <p>Tipper body:</p> <ul style="list-style-type: none"> <li>All steel body with drop sides. Auto release two-way tailgate.</li> <li>Auto release body lockdown hook.</li> <li>Shovel rack. LHS and RHS rope rails. Non-slip side steps.</li> <li>20 second raise / 20 second lower time.</li> <li>Cubic volume: 2.0 m<sup>3</sup></li> <li>Deck plate thickness: 3.2 mm</li> <li>Side / front / tail plate thickness: 2.3 mm</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>Key-operated engine start/stop &amp; steering lock.</li> <li>Hill Assist slow/fast engagement control &amp; on/off switch - except with AMT.</li> <li>ASR on/off.</li> <li>DPD regeneration.</li> <li>With AMT: AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.</li> <li>With AMT: Gear selection control with sequential shift positions.</li> <li>Left side combination stalk: Windscreen wipers, washers and exhaust brake.</li> <li>Right side combination stalk: Turn signals, headlamps.</li> <li>Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.</li> <li>Warning lamps: Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low fuel level. With AMT: check AMT.</li> <li>Indicator lamps: Hill Assist (except with AMT), warm up system, high beam, ASR, EVSC, exhaust brake, turn signals, cruise control, PTO. With AMT: Econo-mode, 1st gear start.</li> <li>With AMT: Gear selection display.</li> <li>Multi information display: Shows service interval, instantaneous and average fuel consumption, DPD bar chart, hour meter, voltmeter, time/day/date and includes 40-120km/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
NM0520	NMR250 Tipper	5995	9500	2360	4480	1535	1350	2885
NM0620	NMR250 AMT Tipper	5995	8000	2360	4480	1535	1350	2885

\* 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](http://Isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ from the actual vehicle. \*\* Always refer to NZTA to confirm & for Licensing changes.