

NMR 250 TRI-TIPPER



WEIGHT RATINGS

GVM	5,995 kg
GCM (with MT)	9,500 kg
GCM (with AMT)	8,000 kg

ENGINE

POWER	110 kW @ 2,800 rpm
TORQUE	375 Nm @ 1,600 - 2,800 rpm

TRANSMISSION

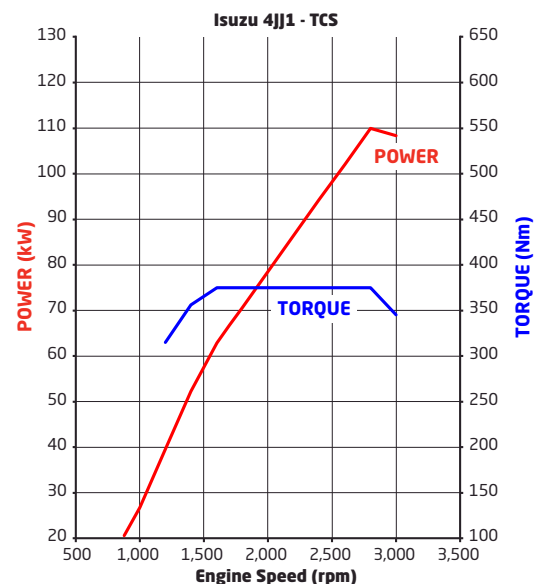
6 speed manual transmission (MT)
6 speed automated manual transmission (AMT)

* Refer to back page for detailed weight rating information

INTELLIGENT SAFETY		
ACTIVE SAFETY ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)	Advanced Emergency Braking	(AEB)
	Forward Collision Warning	(FCW)
	Distance Warning System	(DWS)
	Lane Departure Warning	(LDW)
	Traffic Movement Warning	(TMW)
	Electronic Stability Control	(ESC)
	Anti-Skid Regulator	(ASR)
	Anti-Lock Braking System	(ABS)
	Hill Start Aid (MT only)	(HSA)
	Automatic Lighting System (Front & Rear)	(ALS)
PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Cab Tilt Warning	(CTW)
	Driver & front passenger airbags	
	Driver & front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	
	Handsfree functions on steering wheel	
Door mounted cornering lamps		

ISUZU WARRANTY COVER	
WARRANTY	5 Year / 250,00 km Warranty#
ENGINE	
DESCRIPTION	Isuzu 4JJ1-TCS
TYPE	4 cylinder 16 valve with chain driven DOHC
DISPLACEMENT	2,999 cc
COMPRESSION RATIO	17.5:1
BORE X STROKE	95.4 mm x 104.9 mm
POWER	110 kW (150PS) @ 2,800 rpm (DIN NET)
TORQUE	375 Nm @ 1,600 - 2,800 rpm (DIN NET)
INDUCTION	Electronically controlled variable nozzle turbocharger with air-to-air intercooler
FUEL INJECTION	Direct injection high pressure common rail
EMISSION CONTROL	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (Euro V / EEV) compliant.

READY TO WORK	
STANDARD FEATURES	Tilts 3 ways - left side, right side or rear
	All steel body with drop sides
	Auto release two-way tailgate
	Auto release body lockdown hook
	Shovel rack
	LHS and RHS rope rails
	Non-slip side steps
	20 sec. raise / 20 sec. lower time
	Cubic volume: 2.0 m³
	Deck plate thickness: 3.2 mm
Side / front / tail plate thickness: 2.3 mm	



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CLUTCH	
MT	Type: Single plate with auto adjusting hydraulic control and vacuum assistance
	Clutch Plate Diameter: 300 mm
	Clutch lining area: 847 cm ²
AMT	Type: Fully automated electro/hydraulically controlled wet clutch and torque converter (TC) with lock up

TRANSMISSION														
MT	Description: Isuzu MYY-6E													
	Type: 6 speed manual. Syncromesh on gears 1-6.													
	Ratios: <table border="1"> <thead> <tr> <th>1ST</th> <th>2ND</th> <th>3RD</th> <th>4TH</th> <th>5TH</th> <th>6TH</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>5.979</td> <td>3.434</td> <td>2.040</td> <td>1.379</td> <td>1.000</td> <td>0.750</td> <td>5.701</td> </tr> </tbody> </table>	1ST	2ND	3RD	4TH	5TH	6TH	REV	5.979	3.434	2.040	1.379	1.000	0.750
1ST	2ND	3RD	4TH	5TH	6TH	REV								
5.979	3.434	2.040	1.379	1.000	0.750	5.701								
AMT	Description: Isuzu MYY-6E													
	Type: 6 speed with both fully automatic and clutchless manual operation modes													
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AXLES	
FRONT	Description: Isuzu FI026
	Type: Independent wishbone
	Capacity: 2,600 kg
REAR	Description: Isuzu R050
	Type: Full floating banjo with four differential pinions
	Capacity: 5,000 kg Ratio: 4.777 (MT), 4.300 (AMT)

SUSPENSION	
FRONT	Coil springs
	Double acting hydraulic shock absorbers
REAR	Multi leaf main, taper leaf helper spring
	Double acting hydraulic shock absorbers

BRAKES	
TYPE	Ventilated disc/disc with dual circuit hydraulic control, vacuum assistance and electronic brake force distribution (EBD)
DIAMETER FRONT	293 mm
DIAMETER REAR	293 mm
PARK BRAKE	190 mm diameter drum mounted on rear of transmission
AUXILIARY BRAKE	Vacuum controlled exhaust brake

STEERING	
TYPE	Power assisted rack and pinion
TURNS LOCK TO LOCK	4.2
WHEEL LOCK ANGLE	38.00° (inside wheel) / 35.75° (outside wheel)

WHEELS & TYRES	
FRONT	Wheels: 16 x 5.5J five stud steel
	Tyres: 205/85R16 117/115L Bridgestone Tubeless
	Steer axle tyre rating: 2,570 kg
REAR	Wheels: 16 x 5.5J five stud steel
	Tyres: 205/85R16 117/115L Bridgestone Tubeless
	Drive axle tyre rating: 4,860 kg
SPARE	1 frame mounted spare wheel and tyre assembly

CHASSIS FRAME	
TYPE	Cold rivetted ladder frame. SAPH440 steel sidemembers.
DIMENSIONS	Side rail (mm): 180 x 65 x 4.0 Rear frame width (mm): 700

FUEL TANK	
TYPE	Frame mounted steel fuel tank
CAPACITY	75L
FUEL CAP	Lockable

ELECTRICAL SYSTEM	
TYPE	24 volt
ALTERNATOR	90 amp
STARTER MOTOR	4.0 kW
BATTERY	2 x 80D26L (630 CCA) batteries connected in series

CABIN GENERAL FEATURES	
ENGINE ACCESS	Manual cab tilt to 45° with torsion bar assistance
STEPS	Heavy duty anti-slip steps
DOORS	90° opening internally reinforced front doors
MIRRORS	Cab mounted convex mirrors with left side under view mirror
WIPERS	Two speed windscreen wipers with intermittent wipe mode
EXTERIOR LIGHTING	Multi-reflector halogen headlamps
AUDIBLE WARNING	Reverse alarm
GRILLE	Cabin coloured
SECURITY	Central locking with remote keyless entry and immobiliser

CABIN INTERIOR	
SEATING	Driver's bucket seat equipped with mechanical suspension and weight adjustment to 130 kg Front passenger bench seat with 2 seat capacity
SEATBELTS	3-point lap sash seatbelts in all outboard seating positions. Centre seat lap belts.
STEERING COLUMN	Tilt / telescopic adjustable
ENTRY ASSIST GRIPS	Door and roof pillar mounted
DOOR WINDOWS	Electric control
STORAGE	Overhead shelf Twin cup holders Front door pockets
POWER OUTLET	24V cigarette lighter
AIRCONDITIONING	Manual control
INTERIOR LIGHTING	Fluorescent lamp

AUDIO VISUAL UNIT	
SCREEN TYPE	6.2" LCD with capacitive touch
OPERATING SYSTEM	Android
RADIO	AM / FM
INTERNAL STORAGE CAPACITY	32GB
OTHER CAPABILITY	Provision for external camera inputs, navigation, reverse sensors and tyre pressure monitoring

DRIVER CONTROLS	
SAFETY SYSTEMS	AEB on/off, DWS on/off/sensitivity adjust, LDW on/off/sensitivity adjust, TMW on/off, ESC&ASR on/off, headlamps and ALS on/off, HSA on/off/sensitivity adjust (MT only)
ENGINE	Idle speed control Cruise control DPD manual regeneration switch
TRANSMISSION (AMT ONLY)	Slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes Gear selection control with P-R-N-D and sequential shift positions
GENERAL CONTROLS	Windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals PTO engage switch (AMT only) Tip body raise and lower lever with safety release mechanism Tip body direction control lever

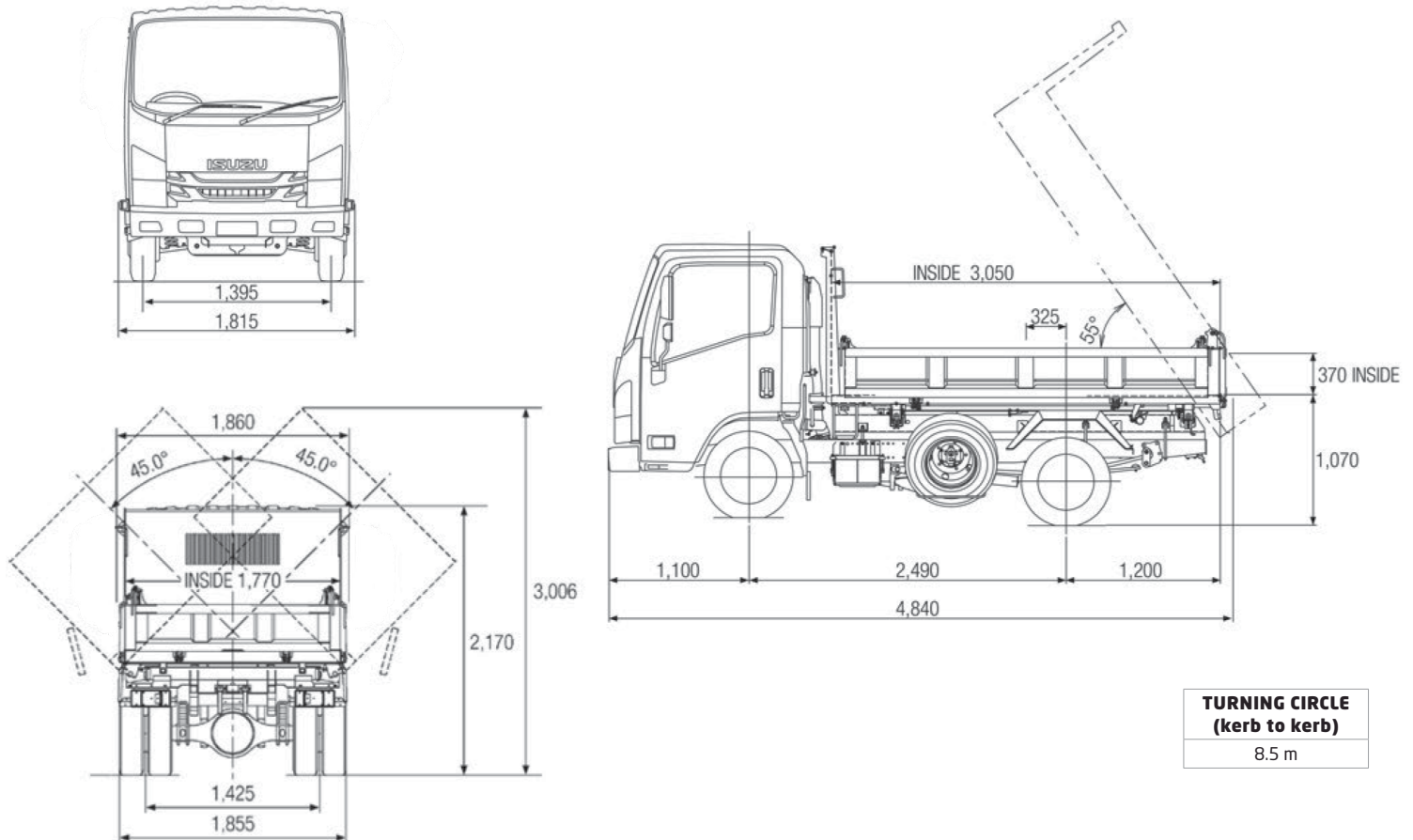
INSTRUMENTATION	
MULTI INFORMATION DISPLAY	AEB, FCW, DWS, LDW, TMW systems activation alerts CTW indicator Vehicle systems status Low fuel level alert Fuel consumption information Service interval alerts Hourmeter Adjustable vehicle speed warning PTO engaged indicator
GENERAL INSTRUMENTATION	Speedometer and tachometer Digital odometer with integrated dual tripmeters Engine coolant temperature and fuel level gauges

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WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
NMR 250 TRI-TIPPER	5,995	9,500	2,570	4,860	1,585	1,440	3,025
NMR 250 AMT TRI-TIPPER	5,995	8,000	2,570	4,860	1,625	1,480	3,105

* Vehicle ratings and axle weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application.

Vehicle as supplied and including 10 litres of fuel.



PERFORMANCE (calculated - typical paved road)				
		GEARED SPEED* (top gear at peak power engine rpm)	LOW SPEED GRADEABILITY (lowest forward gear assuming no wheel slip)	ENGINE SPEED (top gear at 90 km/h)
NMR 250 TRI-TIPPER	At 5,995 kg GVM	102 km/h @ 2,800 rpm	43%	2,343 rpm
NMR 250 AMT TRI-TIPPER	At 5,995 kg GVM	117 km/h @ 2,800 rpm	41%	2,109 rpm

* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

ORDER CODES	
MODELS	CODES
NMR 250 TRI-TIPPER	NM0721
NMR 250 AMT TRI-TIPPER	NM0821

Total 5 Year Warranty, including Base Warranty (36 months / 100,000kms) and Additional Warranty (24 months / 150,000kms), cover is 60 months or 250,000kms, whichever comes first. To qualify for Additional Warranty, all scheduled servicing during the Base and Additional Warranty periods (ie. the total 60 months) must be performed by an authorised Isuzu service dealer from the date of delivery to the first customer. If scheduled servicing is performed by unauthorised service providers, only the Base Warranty will apply. For VL24 Tipper models, additional Warranty applies to the cab & chassis only. Tipper bodies are excluded from Additional Warranty. These are covered by Base Warranty only. Cab Perforation Corrosion is limited to 36 months / unlimited kms on all models. It is not included as part of Additional Warranty.

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