

NLR 45-150 TIPPER



WEIGHT RATINGS

GVM	4,500 kg
GCM	8,000 kg
TOWING CAPACITY	4,000 kg*

ENGINE

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

TRANSMISSION

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

* Refer to back page for detailed weight rating information

READY TO WORK	
STANDARD FEATURES	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 m ³
	Deck plate thickness: 3.2 mm
	Side / front / tail plate thickness: 2.3 mm
	Isuzu low light capable reversing camera

SERVICE AGREEMENTS			
Optional Service Packages	ESSENTIALS	ESSENTIALS PLUS	TOTAL
SCHEDULED SERVICINGS	●	●	●
CONSUMABLES		●	●
ENGINE, TRANSMISSION & DRIVELINE			●
EXTRAS	After-hours Servicing, Glass, Fuel Card, Pickup - Dropoff		

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)
	Cab Tilt Warning	(CTW)
PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Driver & front passenger airbags	
	Driver & front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	
	Overhead shelf restraint netting	
	Door mounted cornering lamps	

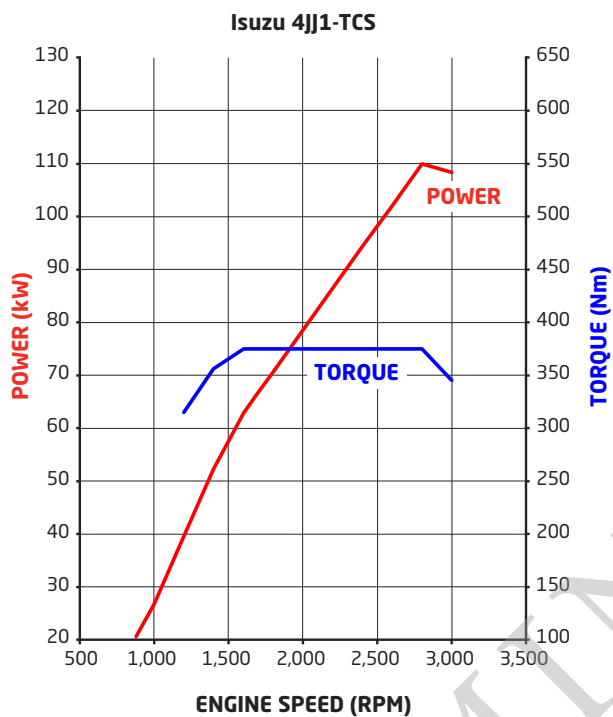
ISUZU CARE	
WARRANTY	6 Year Standard Warranty
	250,000 km / Unlimited Hours
	3 Year / Unlimited km Body Equipment
ROADSIDE ASSIST	6 Year Roadside Support
	24/7 Unlimited km



Subject to the conditions outlined in the IAL New Vehicle Warranty. For further information please visit isuzu.com.au or contact your local dealer.

NLR 45-150 TIPPER

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.



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-5T						
	Type: 5 speed manual. Syncromesh on gears 1-5.						
	Ratios:						
	1ST	2ND	3RD	4TH	5TH	REV	
	5.315	3.053	1.655	1.000	0.721	5.068	
AMT	Description: Isuzu MYY-6E						
	Type: 6 speed with both fully automatic and clutchless manual operation modes						
	Ratios:						
	1ST	2ND	3RD	4TH	5TH	6TH	REV
	5.979	3.434	2.040	1.379	1.000	0.750	5.701

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: 4.556 (MT), 4.100 (AMT)

SUSPENSION	
FRONT	Coil springs Double acting hydraulic shock absorbers
REAR	Taper 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	275 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) / 34.75° (outside wheel)

WHEELS & TYRES	
FRONT	Wheels: 16 x 5.5J five stud steel
	Tyres: 195/75R16C 107/105R Michelin Agilis Tubeless
	Steer axle tyre rating: 1,950 kg
REAR	Wheels: 16 x 5.5J five stud steel
	Tyres: 195/75R16C 107/105R Michelin Agilis Tubeless
	Drive axle tyre rating: 3,700 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	Heated and powered exterior main mirrors with flat glass and additional independantly adjustable convex "spot" mirrors
WIPERS	Two speed windscreen wipers with intermittent wipe mode
EXTERIOR LIGHTING	Multi-reflector halogen headlamps
AUDIBLE WARNING	Reverse alarm
GRILLE	Body 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 centre console box and storage tray 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/DAB+. Internet radio via smartphone.
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, FCW 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

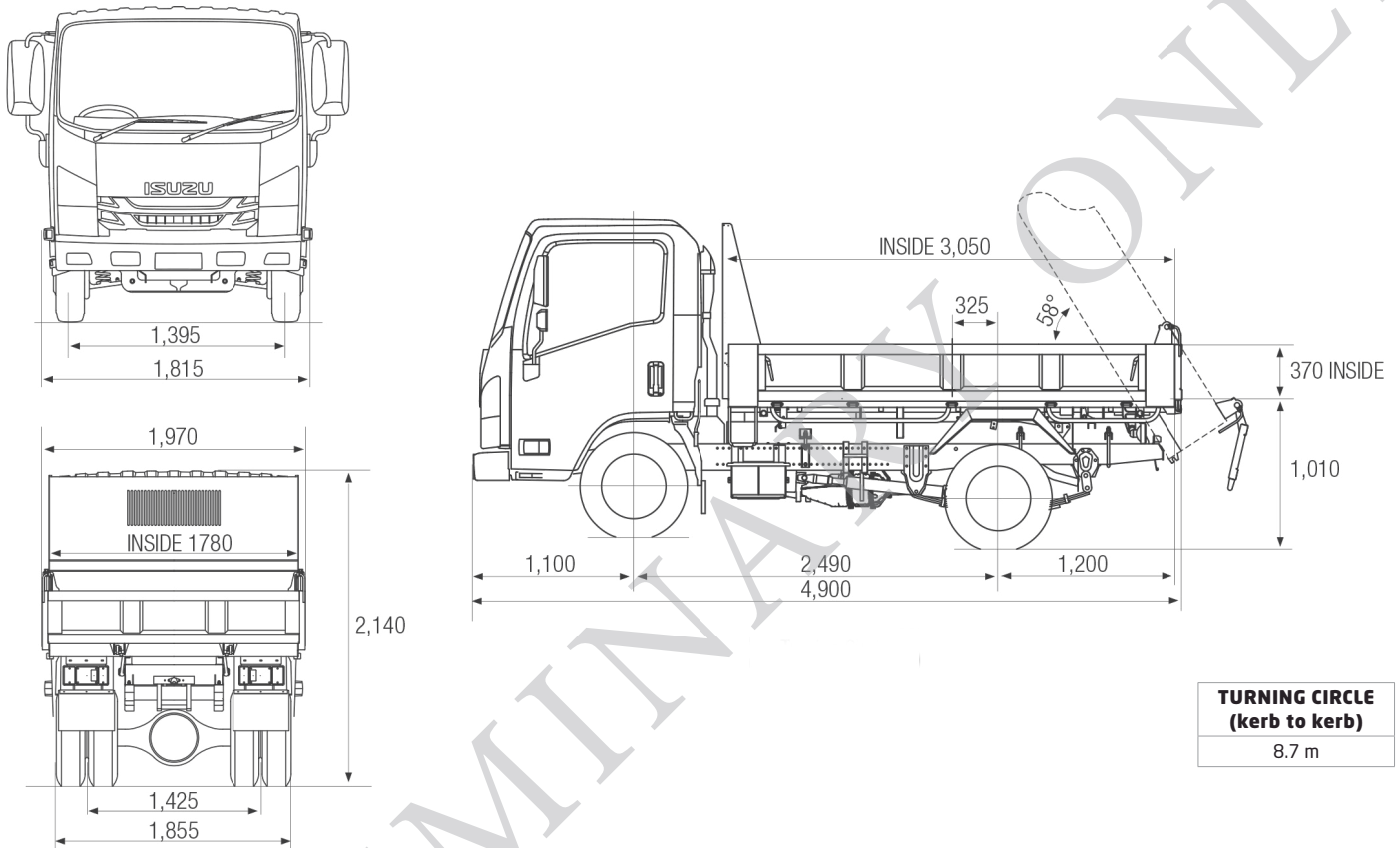
INSTRUMENTATION	
MULTI INFORMATION DISPLAY	AEB, FCW, DWS, LDW, TMW systems activation alerts CTW indicator Vehicle systems status Low fuel level alert Fuel consumption information Service interval alerts Hourmeter Adjustable vehicle speed warning PTO engaged indicator
GENERAL INSTRUMENTATION	Speedometer 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
NLR 45-150 TIPPER	4,500	8,000**	1,950	3,700	1,515	1,210	2,725
NLR 45-150 AMT TIPPER	4,500	8,000**	1,950	3,700	1,535	1,235	2,770

* 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. **4,000 kg maximum towing limit applies. Tag trailer weight should not exceed towing vehicle weight. Limit is subject to government regulatory requirements.

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 100 km/h)
NLR 45-150 TIPPER	At 4,500 kg GVM	108 km/h @ 2,800 rpm	55%	2,590 rpm
NLR 45-150 AMT TIPPER	At 4,500 kg GVM	116 km/h @ 2,800 rpm	56%	2,425 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
NLR 45-150 TIPPER	NH-NLRBA-A21
NLR 45-150 AMT TIPPER	NH-NLRBA-Z21

Subject to the conditions outlined in the IAL New Vehicle Warranty, 4x2 Isuzu N series models carry a standard factory warranty which covers the owner for the first 72 months or 250,000 kilometres (whichever comes first). All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer Law including consumer guarantees. The installed Body and associated equipment carry a standard warranty which covers the owner for the first 36 months. For more details visit the Isuzu website at www.isuzu.com.au which explains Isuzu warranties in more detail, or alternatively contact your local Isuzu Truck dealer. All warranties commence from date of initial delivery.

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