

## NNR 65/45-150 IFS



### WEIGHT RATINGS

GVM	6,500 kg /4,500 kg
GCM MT	10,000 kg /8,500 kg
GCM AMT	8,000 kg
TOWING CAPACITY (AT 4,500KG GVM RATING)	4,000 kg*

### ENGINE

POWER	110 kW @ 2,600 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

ISUZU CARE	
<b>WARRANTY</b>	6 Year Standard Warranty
	250,000 km / Unlimited Hours
<b>ROADSIDE ASSIST</b>	6 Year Roadside Support
	24/7 Unlimited km

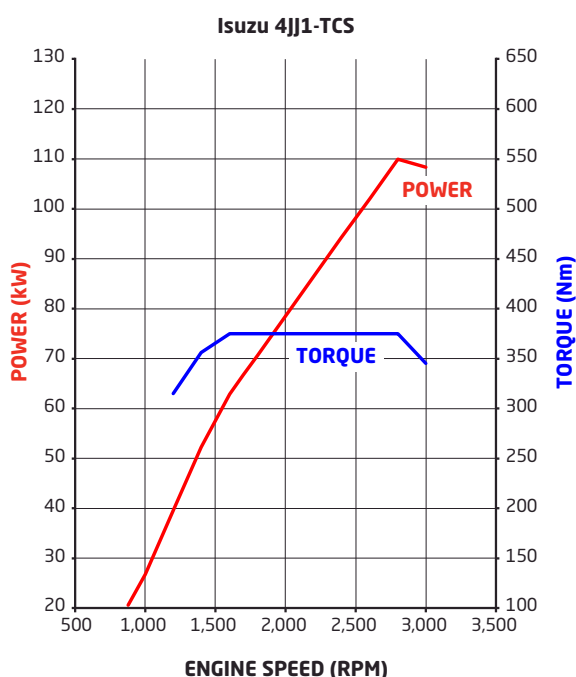
Subject to the conditions outlined in the IAL New Vehicle Warranty. For further information please visit [isuzu.com.au](http://isuzu.com.au) or contact your local dealer.

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

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



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



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

TRANSMISSION															
<b>MT</b>	<p><b>Description:</b> Isuzu MYY-6E</p> <p><b>Type:</b> 6 speed manual. Syncromesh on gears 1-6.</p>														
	<p><b>Ratios:</b></p> <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	5.701
	1ST	2ND	3RD	4TH	5TH	6TH	REV								
5.979	3.434	2.040	1.379	1.000	0.750	5.701									
<p><b>Power Take Off facility:</b> Provision on LHS of transmission case. Drive from counter gear.</p>															
<b>AMT</b>	<p><b>Description:</b> Isuzu MYY-6E</p> <p><b>Type:</b> 6 speed with both fully automatic and clutchless manual operation modes</p>														
	<p><b>Ratios:</b></p> <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	5.701
	1ST	2ND	3RD	4TH	5TH	6TH	REV								
5.979	3.434	2.040	1.379	1.000	0.750	5.701									
<p><b>Power Take Off facility:</b> Provision on LHS of transmission case. Drive from counter gear.</p>															

AXLES	
<b>FRONT</b>	<b>Description:</b> Isuzu F1026
	<b>Type:</b> Independent wishbone
	<b>Capacity:</b> 2,600 kg
<b>REAR</b>	<b>Description:</b> Isuzu R060
	<b>Type:</b> Full floating banjo with four differential pinions
	<b>Capacity:</b> 6,000 kg
	<b>Ratio:</b> 4.556

SUSPENSION	
<b>FRONT</b>	Coil springs
	Double acting hydraulic shock absorbers
<b>REAR</b>	Multi leaf main, taper leaf helper spring
	Double acting hydraulic shock absorbers. Stabiliser bar.

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

STEERING	
<b>TYPE</b>	Power assisted rack and pinion
<b>TURNS LOCK TO LOCK</b>	4.2
<b>WHEEL LOCK ANGLE</b>	47.5° (inside wheel) / 39.5° (outside wheel)

WHEELS & TYRES	
<b>FRONT</b>	<b>Wheels:</b> 17.5 x 6.00 six stud steel
	<b>Tyres:</b> 205/75R 17.5 124/122M Michelin X Multi Z Tubeless
	<b>Steer axle tyre rating:</b> 3,200 kg
<b>REAR</b>	<b>Wheels:</b> 17.5 x 6.00 six stud steel
	<b>Tyres:</b> 205/75R 17.5 124/122M Michelin X Multi Z Tubeless
	<b>Drive axle tyre rating:</b> 6,000 kg
<b>SPARE</b>	1 frame mounted spare wheel and tyre assembly

CHASSIS FRAME	
<b>TYPE</b>	Cold rivetted ladder frame. SAPH440 steel sidemembers. Rivetless top flange.
<b>DIMENSIONS</b>	<p><b>Side rail (mm):</b> 214 x 70 x 5.0</p> <p><b>Rear frame width (mm):</b> 750</p>

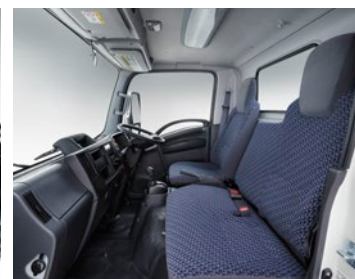
FUEL TANK	
<b>TYPE</b>	Frame mounted steel fuel tank
<b>CAPACITY</b>	140L
<b>FUEL CAP</b>	Lockable

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

CABIN GENERAL FEATURES	
<b>ENGINE ACCESS</b>	Manual cab tilt to 45° with torsion bar assistance
<b>STEPS</b>	Heavy duty anti-slip steps
<b>DOORS</b>	90° opening internally reinforced front doors
<b>MIRRORS</b>	Heated and powered exterior main mirrors with flat glass and additional independantly adjustable convex "spot" mirrors
<b>WIPERS</b>	Two speed windscreen wipers with intermittent wipe mode
<b>EXTERIOR LIGHTING</b>	Multi-reflector halogen headlamps Roof mounted clearance lamps
<b>AUDIBLE WARNING</b>	Reverse alarm
<b>GRILLE</b>	Body coloured
<b>SECURITY</b>	Central locking with remote keyless entry and immobiliser

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

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



MYISUZU CO-PILOT AUDIO VISUAL UNIT	
<b>SCREEN TYPE</b>	10.1" 1080p High Definition with capacitive touch
<b>OPERATING SYSTEM</b>	Android Automotive
<b>RADIO</b>	AM/FM/DAB+
<b>INTERNAL STORAGE CAPACITY</b>	32GB
<b>SMARTPHONE INTEGRATION</b>	USB 3.0 socket
	Wi-Fi connectivity
	Android Auto / Apple CarPlay compatible
	Phone storage pocket



MyISUZU CO-PILOT audio visual unit

DRIVER CONTROLS	
<b>SAFETY SYSTEMS</b>	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).
<b>ENGINE</b>	Idle speed control
	Cruise control
	DPD manual regeneration switch
<b>TRANSMISSION (AMT ONLY)</b>	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
<b>GENERAL CONTROLS</b>	Windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals



AMT model shown

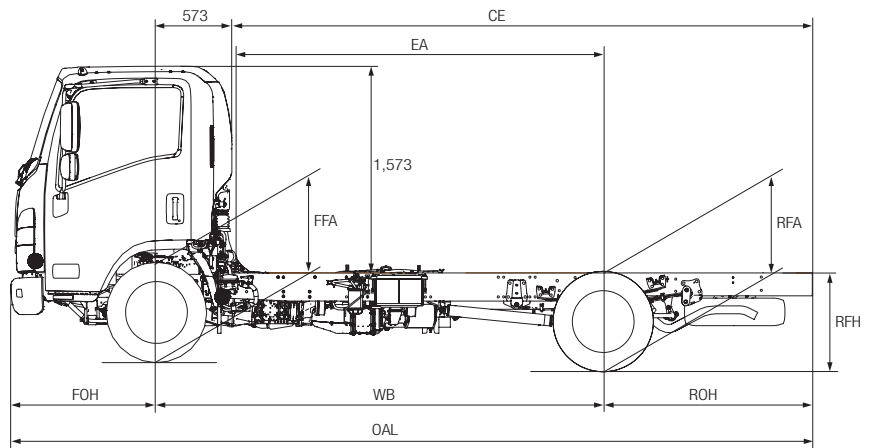
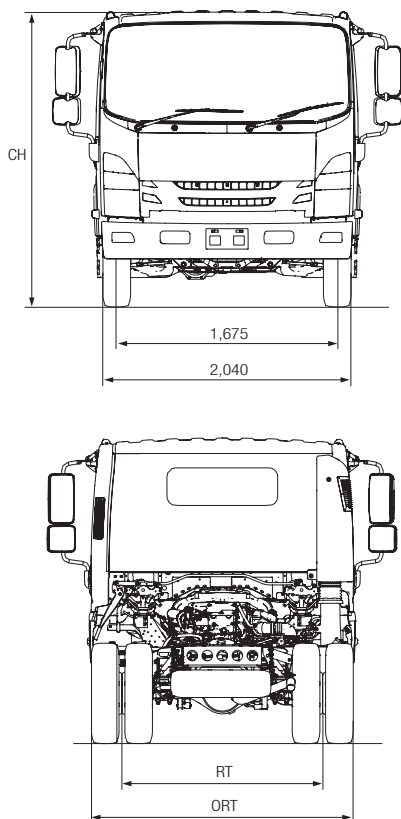
WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
NNR 65/45-150 MWB IFS	6,500/4,500	10,000/8,500**	2,600	6,000	1,570	760	2,330
NNR 65/45-150 AMT MWB IFS	6,500/4,500	8,000**	2,600	6,000	1,610	780	2,390

\* 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.

\*\*4,000kg maximum towing limit applies to 4,500kg GVM rated vehicle. Tag trailer weight should not exceed towing vehicle weight. Limit is subject to government regulatory requirements.

# Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm)													(m)
MODELS	WB	OAL	FOH	ROH	EA	CE	RT	ORT	CH	FFA (unladen)	RFA (unladen)	RFH (unladen)	TURNING CIRCLE kerb to kerb
NNR 65/45-150 IFS	3,395	6,098	1,100	1,593	2,710	4,415	1,485	1,915	2,280	625	785	850	10.7



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)
NNR 65-150	At 6,500 kg GVM	114 km/h @ 2,800 rpm	39%	2,455 rpm
NNR 45-150	At 4,500 kg GVM	114 km/h @ 2,800 rpm	56%	2,455 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
NNR 65/45-150 MWB IFS65	NH-NNRCA-G21
NNR 65/45-150 AMT MWB IFS65	NH-NNRCA-R21

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. For more details visit the Isuzu website at [www.isuzu.com.au](http://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.

ISUZU AUSTRALIA LIMITED ABN 97 006 962 572 ("IAL"). The information in this spec sheet was correct at time of printing, but all measurements, specifications and equipment are subject to change without notice. Some equipment may have been changed and/or is available at extra cost. IAL may make changes at any time without notice, in prices, colours, materials, equipment and models. IAL makes all reasonable attempts to ensure the availability of all vehicles and equipment. The information in this spec sheet is general in nature. Your Isuzu dealer can confirm all measurements, specifications and vehicle / equipment availability upon request. To the extent permitted by the law, IAL is not liable to any person as result of reliance on the content of this spec sheet.