

Specification Guide

NNR 45-150
NNR 45-150 CREW

Weight Ratings

GVM	4,500 kg
GCM[1]	8,000 kg
Towing Capacity[1] **(at 4,500kg GVM rating)**	4,000 kg

Engine

Power	110 kW @ 2,800 rpm
Torque	375 Nm @ 1,280 - 2,800 rpm

Transmissions

- 6-speed Manual Transmission (MT)
- 9-speed Dual-clutch Transmission (DT)

Wheelbase

- 2,795 mm
- 3,395 mm
- 3,845 mm

Key Features

- ADR 80/04 (pPNLT) Compliant
- Advanced Emergency Braking (AEB)
- Anti Lock Braking System (ABS)
- Automatic Lighting System (ALS)
- Bi-LED Headlamps with Daytime Running Lamps (DRL)
- Driver and front passenger airbags
- Driver Suspension Seat (Day cab)
- ECE-R29 cab with side anti-intrusion beams
- Electric Park Brake (EPB) with Auto Brake Hold
- Electronic Stability Control (ESC)
- Full speed Adaptive Cruise Control (F-ACC) (DT only)
- Lane Departure Warning (LDW)

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6 YEAR FACTORY WARRANTY
24/7 ROADSIDE ASSIST

ISUZU CARE

Driveline

Engine

Description	Isuzu 4JZ1-TCS
Type	4 Cylinder
Power	110 kW (150 PS) @ 2,800 rpm
Torque	375 Nm @ 1,280 - 2,800 rpm
Displacement	2,999 cc
Compression Ratio	17.5:1
Bore x Stroke	95 mm x 104 mm
Induction	Electronically controlled variable nozzle turbocharger with air -to air intercooler.
Fuel Injection	Direct injection high pressure common rail system
Emission Standard	ADR 80/04 (pPNLT)
Emission Control	SCR (Selective Catalytic Reduction) DPD (Diesel Particulate Diffuser) EGR (Exhaust Gas Recirculation)
Auxiliary Brake	Vacuum controlled exhaust brake

Transmission

MT

Description: ISUZU MYY-6Z

Type: 6-speed Manual (MT). Synchromesh on gears 2-6.

Ratios:

1	2	3	4	5	6	REV
5.97	3.43	2.04	1.37	1.00	0.70	5.70

Power Take Off Facility: Provision on LHS of transmission case. Drive from counter gear.

DT

Description: Isuzu MYR-9S

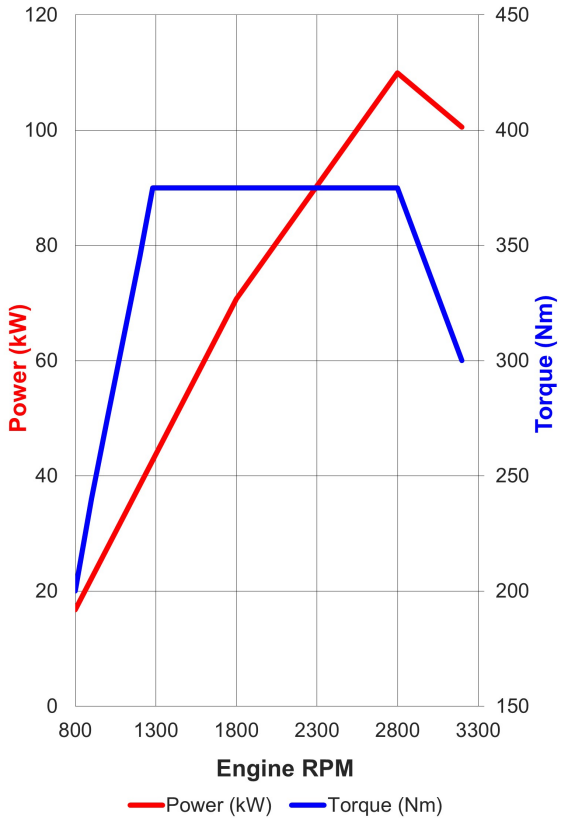
Type: 9-speed Dual-clutch Transmission (DT) with both fully automatic and clutchless manual operation modes

Ratios:

1	2	3	4	5	6	7	8	9	REV
5.16	3.94	2.86	2.18	1.67	1.30	1.00	0.76	0.58	4.81

Power Take Off Facility: Provision on LHS of transmission case. Drive from counter gear.

4JZ1-TCS 150PS pPNLT



Clutch

MT

Type: Single plate with auto adjusting hydraulic control and vacuum assistance

Clutch Plate Diameter: 300 mm

DT

Type: Fully automated dual wet clutch and torque converter (TC) with lock up

Performance[2] (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 45-150 MT	At 4,500 kg GVM	124 km/h @ 2,800 rpm	55%	2,253 rpm
NNR 45-150 DT	At 4,500 kg GVM	126 km/h @ 2,800 rpm	56%	2,219 rpm



Technology & Equipment

Intelligent Safety

ACTIVE SAFETY Advanced Driver Assistance Systems (ADAS)	Advanced Emergency Braking (AEB)
	Anti-lock Braking System (ABS)
	Anti-Skid Regulator (ASR)
	Attention Alert System (AAS)
	Automatic Lighting System (ALS)
	Cab Tilt Warning (CTW)
	Cruise Control (CC)
	Distance Warning System (DWS)
	Electric Park Brake (EPB)
	Electronic Brakeforce Distribution (EBD)
	Electronic Stability Control (ESC)
	Front Cross Traffic Alert (FCTA)
	Full Speed Adaptive Cruise Control (F-ACC) (DT only)
	Intelligent Speed Limiter (ISL) (DT only)
	Intersection Emergency Braking (IEB)
	Intersection Warning System (IWS)
	Lane Departure Warning (LDW)
	Miss Acceleration Mitigation (MAM) (DT only)
	Traffic Movement Warning (TMW)
	Traffic Sign Recognition (TSR) (DT only)
PASSIVE SAFETY Cabin Occupant Safety Systems (COSS)	Door mounted cornering lamps
	Driver and front left hand passenger seatbelt pretensioners
	Driver and front passenger airbags
	ECE-R29 cab with side anti-intrusion beams
	Overhead shelf restraint netting

Accessories[3]

Towing	Isuzu Genuine Towbar	•
	Isuzu Trailer Wiring Kit	•
	Isuzu Electric Trailer Brake Controller Kit	•
Lights	Driving Lights	•
	Beacons	•
Protection	Isuzu Genuine Bull Bar	•
	Isuzu Seat Covers	•
	Isuzu Floor Mats	•
	Isuzu Dash Mats	•
	Isuzu Weathershields	•
	Isuzu Mudflaps	•
Technology	Isuzu Cameras	•
	Isuzu Tyre Pressure Monitoring	•
	Alarms	•
Aerodynamics	Air Deflectors	•

• Fitted as Standard • Option to Fit

Australia's no.1 truck, made more you.

Arc White | Al. Grey | Sahara Beige | Marine Blue | Woodland Green | Cardinal Red

Colours shown are indicative only, additional costs may apply. Availability on request only for limited models. Check with your local dealer.

Chassis

Steering

Type	Power assisted recirculating ball
Turns Lock To Lock	5.4
Wheel Lock Angle	42.5° (inside wheel) / 32.7° (outside wheel)

Suspension

Front	**Type:** Single stage steel taper leaf spring
	Other Features: Double acting hydraulic shock absorbers
Rear	**Type:** Taper leaf main, taper leaf helper spring
	Other Features: Double acting hydraulic shock absorbers

Fuel and AdBlue® Tanks

Diesel Tank	Type	Frame mounted tank
	Capacity[4] (L)	100
	Material	Steel
	Features	Lockable Cap
AdBlue® Tank	Type	Frame mounted tank
	Capacity[4] (L)	14
	Material	High-Density Polyethylene

Electrical Systems

Voltage (V)	24
Alternator (A)	90
Starter Motor (kw)	3.70
Battery	2 x 80D26L 600 (CCA)
CAN bus Provision	FMS Provision

Chassis Frame

Type	Cold rivetted ladder frame
Material	HT540 steel
Dimension	Side Rail (mm): 180 x 65 x 5.3 Rear frame width (mm): 750

Axle

Front	Description	Isuzu F031
	Type	Reverse Elliot I-beam
	Capacity	3,100 kg
Rear	Description	Isuzu R050
	Type	Full floating banjo with four differential pinions
	Capacity	5,000 kg
	Ratio	4.300 (MT) 5.125 (DT)

Wheels & Tyres

Front	Wheels	16 x 5.5J five stud steel
	Tyres	195/85R16 114/112 L Michelin
	Front Axle Tyre Rating	2,360 kg
Rear	Wheels	16 x 5.5J five stud steel
	Tyres	195/85R16 114/112 L Michelin
	Rear Axle Tyre Rating	4,480 kg
Spare	Wheels	16 x 5.5J five stud steel
	Tyres	195/85R16 114/112 L Michelin

Brakes

Type	Ventilated disc/disc with dual circuit hydraulic control, integrated boost assist
Front Diameter (mm)	293
Rear Diameter (mm)	293
Park Brake	Electric Park Brake (EPB), drum mounted on rear of transmission.

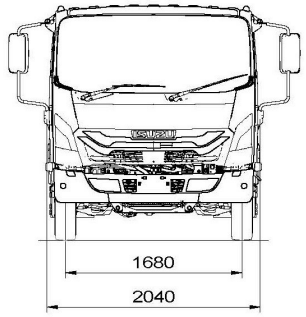
Weights & Dimensions

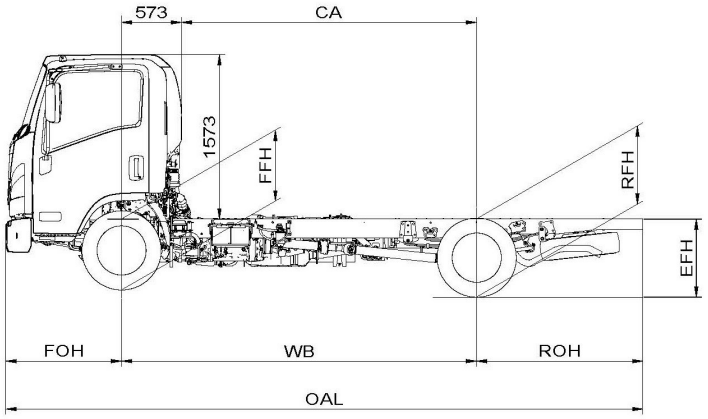
Weights (kg)

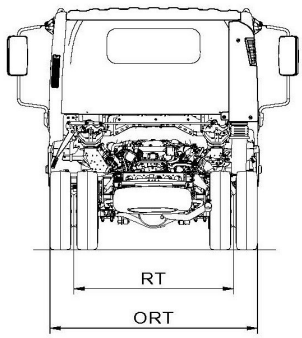
Models	Ratings[5]		Loading Limit[5] (at ground)		Cab Chassis Weight[6]			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
NNR 45-150 MT D28	4,500	8,000	2,360	4,480	1,703	697	2,400	NS-NNRFA-FAS
NNR 45-150 MT D34	4,500	8,000	2,360	4,480	1,719	721	2,440	NS-NNRFA-HAS
NNR 45-150 MT C34	4,500	8,000	2,360	4,480	1,934	736	2,670	NS-NNRGA-HAS
NNR 45-150 MT D38	4,500	8,000	2,360	4,480	1,724	736	2,460	NS-NNRFA-KAS
NNR 45-150 DT D28	4,500	8,000	2,360	4,480	1,733	707	2,440	NS-NNRFB-FAS
NNR 45-150 DT D34	4,500	8,000	2,360	4,480	1,749	731	2,480	NS-NNRFB-HAS
NNR 45-150 DT C34	4,500	8,000	2,360	4,480	1,964	746	2,710	NS-NNRGB-HAS
NNR 45-150 DT D38	4,500	8,000	2,360	4,480	1,754	746	2,500	NS-NNRFB-KAS

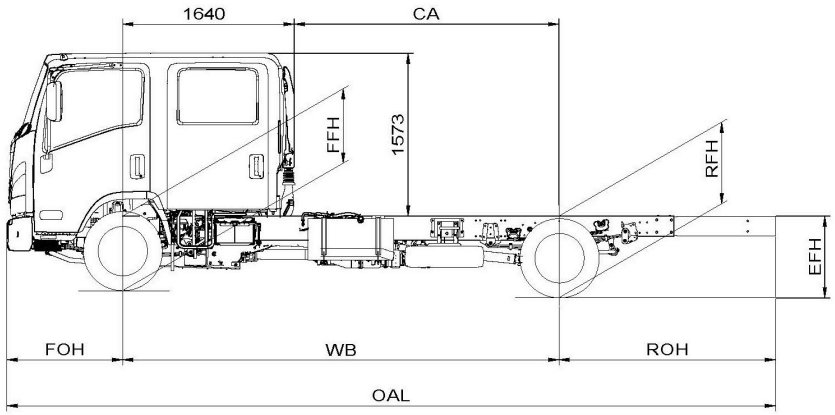
Dimensions[7] (mm)

Models	WB	OAL	FOH	ROH	CA	RT	ORT	CH	FFH (Unladen)	RFH (Unladen)	EFH (Unladen)	Turning Circle[8] (m) Kerb To Kerb
NNR 45-150 C34	3,395	6,098	1,110	1,593	1,831	1,485	1,915	2,218	645	737	780	12
NNR 45-150 D28	2,795	5,248	1,110	1,343	2,222	1,485	1,915	2,224	651	739	781	10
NNR 45-150 D34	3,395	6,098	1,110	1,593	2,822	1,485	1,915	2,225	652	738	778	12
NNR 45-150 D38	3,845	6,748	1,110	1,793	3,272	1,485	1,915	2,225	652	738	778	13.4









Cabin Features

General Features

AUDIBLE WARNING	Reverse alarm
ENGINE ACCESS	Access hatch under driver's seat and tiltable front passenger seat (Crew cab)
	Manual cab tilt to 45° with torsion bar assistance (Day cab)
EXTERIOR LIGHTING	Bi-LED Headlamps with LED Daytime Running Lamps (DRL)
	Front LED fog lamps
	LED tail lamps
	Roof mounted clearance lamps
FRONT BUMPER	3-piece resin,body coloured
GRILLE	Silver paint
MIRRORS	Heated and powered exterior main mirrors with flat glass and adjustable convex "spot" mirror
SECURITY	Passive Entry and Start System (PESS) with remote central locking and immobiliser
STEPS	Heavy duty anti-slip steps
WIPERS	Two speed windscreen wipers with intermittent wipe mode

Driver Control

ENGINE	Cruise control
	DPD manual regeneration switch
	Idle speed control
GENERAL CONTROLS	Windscreen wipers (2 speed and intermittent modes),washers,exhaust brake,turn signals
SAFETY SYSTEMS	On/Off and Adjustable safety systems (for more details see owner's manual)
STEERING WHEEL CONTROLS	ADAS controls
	Multi Information display controls
	Multimedia controls (inc. phone)
TRANSMISSION (DT ONLY)	Gear selection control with P-R-N-D and sequential shift positions



Cabin Interior

AIR CONDITIONING	Auto climate control
DOOR WINDOWS	Electric control
ENTRY ASSIST GRIPS	Door and roof pillar mounted
INTERIOR LIGHTING	LED lamp
OCCUPANCY	Driver's bucket seat (Crew cab)
	Passenger bench seat with 2 seat capacity
	Rear bench seat with 4 seat capacity (Crew cab)
	Driver's bucket seat equipped with mechanical suspension and weight adjustment to 130kg (Day Cab)
POWER OUTLET	24V socket
	USB port
SEATBELTS	Lap sash seatbelts in all outboard seating positions. Centre seat lap belts.
STEERING COLUMN	Tilt / telescopic adjustable
STORAGE	Overhead cabinet,2 cup holders,door pockets,centre phone storage pocket

MyISUZU Co-Pilot Audio Visual Unit

OPERATING SYSTEM	Android Automotive
NAVIGATION	Truck tailored GPS based system + Live traffic and map content updates via smartphone link (live feed updates are provided for 3 years)
SCREEN TYPE	10.1" High Definition with capacitive touch
RADIO	AM / FM / DAB+
INTERNAL STORAGE CAPACITY	32GB
SMARTPHONE INTEGRATION	Android Auto/Apple CarPlay compatible (wired)
	Phone storage pocket
	USB socket
	Wi-Fi connectivity

Instrumentation

GENERAL INSTRUMENTATION	Digital odometer with integrated dual tripmeters
	Engine temperature and fuel/AdBlue® level
	Speedometer and tachometer
MULTI INFORMATION DISPLAY	Adjustable vehicle speed warning
	AEB,FCW,DWS,LDW,FACC,TMW System activation alerts
	CTW indicator
	Hourmeter

Service & Support



Service Agreements

Service Agreements	Isuzu Essentials	Isuzu Essentials Plus	Isuzu Total
	Available on new trucks only and paid upfront - up to 72 months or the first 6 scheduled services	Available on new trucks and trucks currently in use - up to 72 months old	For new trucks only,Isuzu Total is our most comprehensive service package
Check and Report Fault Codes	•	•	•
Wheel Bearing Re-pack & Lubricating All Joints	•	•	•
Globes – Stop,Tail,Number Plate,Indicator,Headlight,Interior		•	•
Fan Belts & Coolant Hoses		•	•
Wiper Blades,Relays & Fuses		•	•
Engine,Transmission & Electrical Components			•
Brake & Suspension Components			•
Washer Fluids & Consumables	•	•	•
Labour	•	•	•

Dealer Network

Service & Support	National Isuzu Truck Dealer Network
	Find dealer online



Warranty[9]

Chassis	6 Year Standard Warranty
	250,000 km / Unlimited Hours
Genuine Parts & Accessories	3 Years Standard Warranty (When installed by an Isuzu Trucks Approved Dealership - Including Labor)
Service Intervals	25,000 km or 12 Months or 500 hrs (whichever occurs first)

Roadside Assist

Roadside Assist	6 Year Roadside Support
	24/7 Unlimited Km

[1] Maximum towing capacity applies. Gross Trailer Mass (GTM) should not exceed towing vehicle weight. Limit is subject to government regulatory requirements. To utilise GCM, the vehicle must be fitted with towing equipment suited to meet the required GCM ratings in compliance to local regulations.

[2] Performance values are theoretically calculated based on the vehicle at GVM. Real world figures may vary based on driving conditions, vehicle configuration, load and environmental factors.

[3] Accessory Installer must ensure all fitted accessories comply with local road authority regulations and do not compromise safety or certification requirements (eg: ADR compliance)

[4] As shown on tank. Volume of fuel/AdBlue® that can be added to a near-empty tank will vary according to operating conditions.

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

[6] Manufactures nominal tare mass, includes tools, spare wheel (if standard), 10 Litres of fuel and 10 Litres of AdBlue®. Weights subject to ± 3% tolerance.

[7] Drawing for reference only. Refer to the Isuzu Body Builder Guide for details.

[8] Turning circle dimensions are based on manufacturers calculations and may vary under real-world conditions.

[9] Subject to the conditions outlined in the IAL New Vehicle Warranty. All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer Law including consumer guarantees. For further information please visit isuzu.com.au or contact your local dealer.

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