

Images may not be representative of the Australian production model.

Specification Guide

NLR 45-150 TRAYPACK

Weight Ratings

GVM	4,500 kg
GCM[1]	8,000 kg
Towing Capacity[1]	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

- 2,490 mm
- 3,360 mm

Ready-to-Work Features

- Corner stirrup with moulded tread plate
- External ratchet rails - rated 600 kg each
- Fold down ear system
- Heavy duty truck aluminium deck - rated to 5 tonne
- Metal encapsulated glass fibre reinforced nylon catches
- New & improved quick lock hinge system
- Powder Coated Window Protector and tail light protector
- Removable dropsides and tailgate with cargo seal for easy tiedown access and load retainment
- Tube headboard with grab handles

Scan QR code to search, view and download full spec sheets for all Isuzu truck models.

6 YEAR FACTORY WARRANTY 24/7 ROADSIDE ASSIST

3 YEAR BODY WARRANTY

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	17.50:1
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

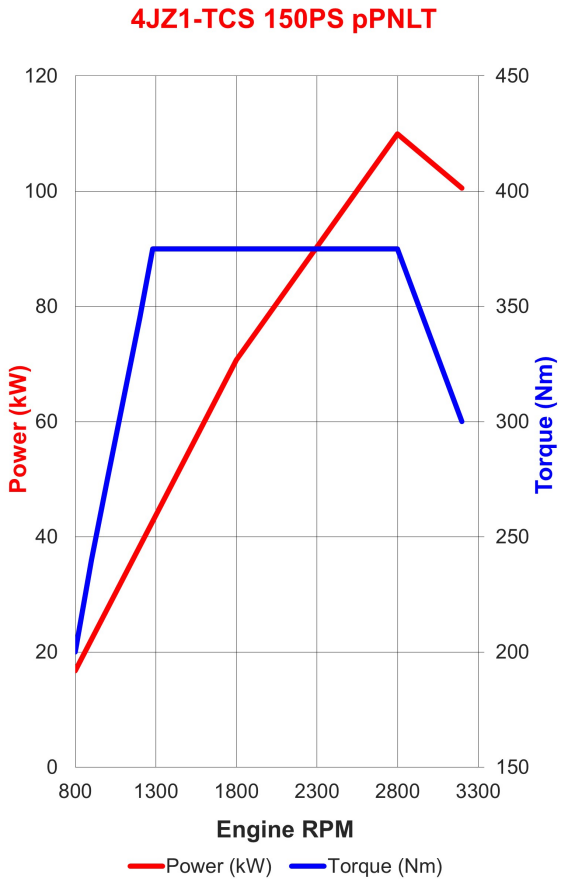
Description: Isuzu MYR-9S

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.



Clutch

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

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)
NLR 45-150 MT	At 4,500 kg GVM	115 km/h @ 2,800 rpm	59%	2,425 rpm
NLR 45-150 DT	At 4,500 kg GVM	140 km/h @ 2,800 rpm	51%	2,003 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)
	Intelligent Speed Limiter (ISL) (DT only)
	Full Speed Adaptive Cruise Control (F-ACC) (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 rack and pinion
Turns Lock To Lock	4.20
Wheel Lock Angle	38° (inside wheel) / 35° (outside wheel)

Suspension

Front	**Type:** Coil Springs
	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 (D34)
		70 (D25)
	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	JSH440 steel
Dimension	Side Rail (mm): 180 x 65 x 4 Rear frame width (mm): 700

Axle

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

Wheels & Tyres

Front	Wheels	16X5.5J-116.5
	Tyres	205/75R16C 113/111 R Michelin
	Front Axle Tyre Rating	2,300 kg
Rear	Wheels	16X5.5J-116.5
	Tyres	205/75R16C 113/111 R Michelin
	Rear Axle Tyre Rating	4,360 kg
Spare	Wheels	16X5.5J-116.5
	Tyres	205/75R16C 113/111 R Michelin

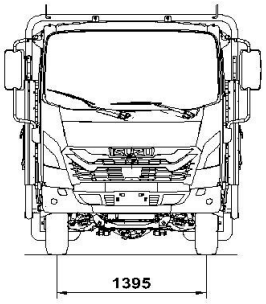
Brakes

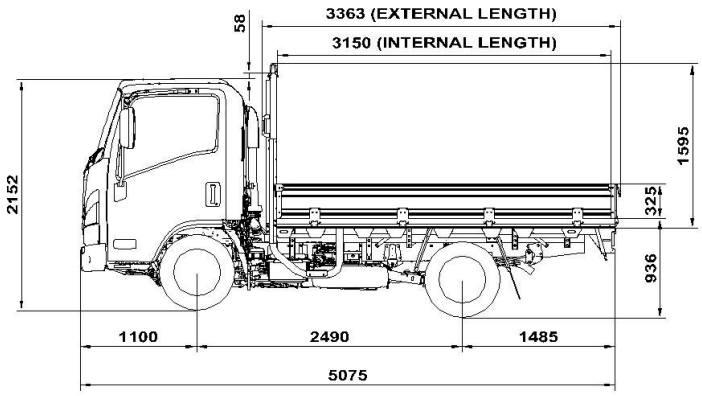
Type	Ventilated disc/disc with dual circuit hydraulic control, integrated boost assist
Front Diameter (mm)	293
Rear Diameter (mm)	293
Park Brake	Electric Park Brake (EPB), drum mounted on rear of transmission

Weights & Dimensions

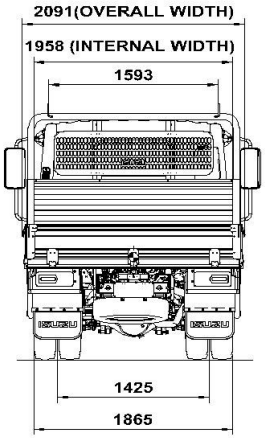
Weights (kg)

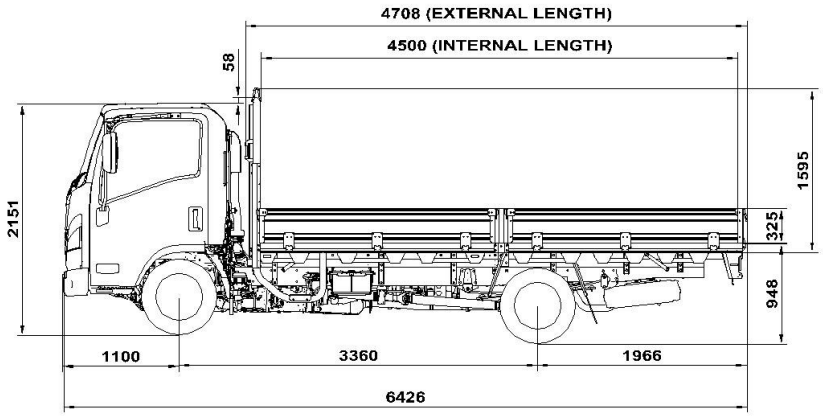
Models	Ratings[5]		Loading Limit[5] (at ground)		Cab Chassis Weight[6]			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
NLR 45-150 MT D25 TRAY	4,500	8,000	2,300	4,360	1,631	825	2,456	NS-NLRDA-EDS
NLR 45-150 DT D25 TRAY	4,500	8,000	2,300	4,360	1,661	835	2,496	NS-NLRDB-EDS
NLR 45-150 MT D34 TRAY	4,500	8,000	2,300	4,360	1,628	937	2,565	NS-NLRDA-HDS
NLR 45-150 DT D34 TRAY	4,500	8,000	2,300	4,360	1,658	947	2,605	NS-NLRDB-HDS





NLR 45-150 D25





NLR 45-150 D34

TURNING CICLE (KERB TO KERB)
D25 - 9.8 m D34 - 12.7 m

Cabin Features

General Features

AUDIBLE WARNING	Reverse alarm
ENGINE ACCESS	Manual cab tilt to 45° with torsion bar assistance
EXTERIOR LIGHTING	Bi-LED Headlamps with LED Daytime Running Lamps (DRL)
	LED tail lamps
FRONT BUMPER	3-piece resin,body coloured
GRILLE	Silver paint
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 equipped with mechanical suspension and weight adjustment to 130kg
	Passenger bench seat with 2 seat capacity
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



6 YEAR FACTORY WARRANTY 24/7 ROADSIDE ASSIST

3 YEAR BODY WARRANTY

ISUZU CARE

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
Body Equipment	3 Years
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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Isuzu Australia Limited

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