

SERIES

Images may not be representative of the Australian production model.

Specification Guide

NQR 88/80-190

NQR 88/80-190 CREW

Weight Ratings

GVM	8,800 kg / 8,000 kg
GCM ¹	12,300 kg

Engine

Power	140 kW @ 2,600 rpm
Torque	513 Nm @ 1,600 - 2,600 rpm

Transmissions

6-speed manual transmission (MT)
6-speed automated manual transmission (AM)

Wheelbase

3,365 mm
3,815 mm
4,175 mm
4,475 mm

Key Features

- ADR 80/04 (Euro VI) Compliant
- Advanced Emergency Braking (AEB)
- 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) (AM only)
- Lane Departure Warning (LDW)



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



Driveline

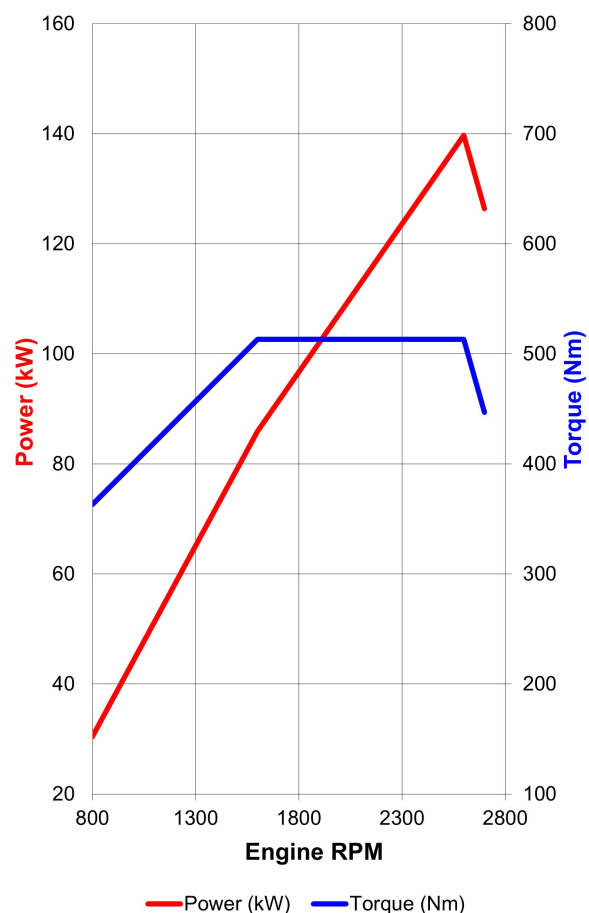
Engine

Description	Isuzu 4HK1-TCC
Type	4 Cylinder
Power	140 kW (190 PS) @ 2,600 rpm
Torque	513 Nm @ 1,600 - 2,600 rpm
Displacement	5,193 cc
Compression Ratio	17.5:1
Bore x Stroke	115 mm x 125 mm
Induction	Electronically controlled variable nozzle turbocharger with air-to air intercooler
Fuel Injection	Direct injection high pressure common rail
Emission Standard	ADR80/04 (EuroVI-C)
Emission Control	SCR (Selective Catalytic Reduction) DPD (Diesel Particulate Diffuser) EGR (Exhaust Gas Recirculation)
Auxiliary Brake	Vacuum controlled exhaust brake

Transmission

Description: Isuzu MZZ-6F							
Type: 6-speed Manual (MT). Synchromesh on gears 1-6.							
Ratios:							
MT	1	2	3	4	5	6	REV
	6.36	3.76	1.96	1.35	1.00	0.78	6.36
Power Take Off Facility: Provision on LHS of transmission case. Drive from counter gear.							
Description: Isuzu MZZ-6F							
Type: 6-speed Automated Manual (AM) with both fully automatic and clutchless manual operation modes							
Ratios:							
AM	1	2	3	4	5	6	REV
	6.36	3.76	1.96	1.35	1.00	0.78	6.36
Power Take Off Facility: Provision on LHS of transmission case. Drive from counter gear.							

4HK1-TCC 190PS Euro-VI



Clutch

MT	Type: Single plate with auto adjusting hydraulic control and vacuum assistance
	Clutch Plate Diameter: 325 mm
AM	Type: Fully automated electro/hydraulically controlled wet clutch and fluid coupling with lock up.

Performance² (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)
NQR 88-190 MT	At 8,800 kg GVM	115 km/h @ 2,600 rpm	37%	2,253 rpm
NQR 80-190 MT	At 8,000 kg GVM	115 km/h @ 2,600 rpm	40%	2,253 rpm
NQR 88-190 AM	At 8,800 kg GVM	109 km/h @ 2,600 rpm	39%	2,387 rpm
NQR 80-190 AM	At 8,000 kg GVM	109 km/h @ 2,600 rpm	43%	2,387 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)
	Customisable Speed Limiter (CSL)
	Distance Warning System (DWS)
	Driver Attention Alert (DAA)
	Electric Park Brake (EPB)
	Electronic Brakeforce Distribution (EBD)
	Electronic Stability Control (ESC)
	Forward Collision Warning (FCW)
	Front Cross Traffic Alert (FCTA)
	Full Speed Adaptive Cruise Control (F-ACC) (AM only)
	Intersection Emergency Braking (IEB)
	Intersection Warning System (IWS)
	Lane Departure Warning (LDW)
	Miss Acceleration Mitigation (MAM) (AM only)
	Traffic Movement Warning (TMW)
	Traffic Sign Recognition (TSR) (AM 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

Accessories³

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.



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: Multi leaf main,multi leaf helper spring
	Other Features: Double acting hydraulic shock absorbers. Stabiliser bar.

Fuel and AdBlue® Tanks

Diesel Tank	Type	Frame mounted tank
	Capacity ⁴ (L)	140
	Material	Steel
	Features	Lockable Cap
AdBlue® Tank	Type	Frame mounted tank
	Capacity ⁴ (L)	16
	Material	High-Density Polyethylene

Electrical Systems

Voltage (V)	24
Alternator (A)	90
Starter Motor (kw)	3.7
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): 230 x 70 x 5 Rear frame width (mm): 850

Axle

Front	Description	Isuzu F031
	Type	Reverse Elliot I-beam
	Capacity	3,100 kg
Rear	Description	Isuzu R066
	Type	Full floating banjo with four differential pinions
	Capacity	6,600 kg
	Ratio	4.300 (MT) 4.556 (AM)

Wheels & Tyres

Front	Wheels	19.5 x 6.00 six stud steel
	Tyres	225/70R19.5 125/123L Michelin
	Front Axle Tyre Rating	3,300 kg
Rear	Wheels	19.5 x 6.00 six stud steel
	Tyres	225/70R19.5 125/123L Michelin
	Rear Axle Tyre Rating	6,200 kg
Spare	Wheels	19.5 x 6.00 six stud steel
	Tyres	225/70R19.5 125/123L Michelin

Brakes

Type	Ventilated disc/disc with dual circuit hydraulic control,integrated boost assist
Front Diameter (mm)	363
Rear Diameter (mm)	348
Park Brake	Electric Park Brake (EPB),drum mounted on rear of transmission.

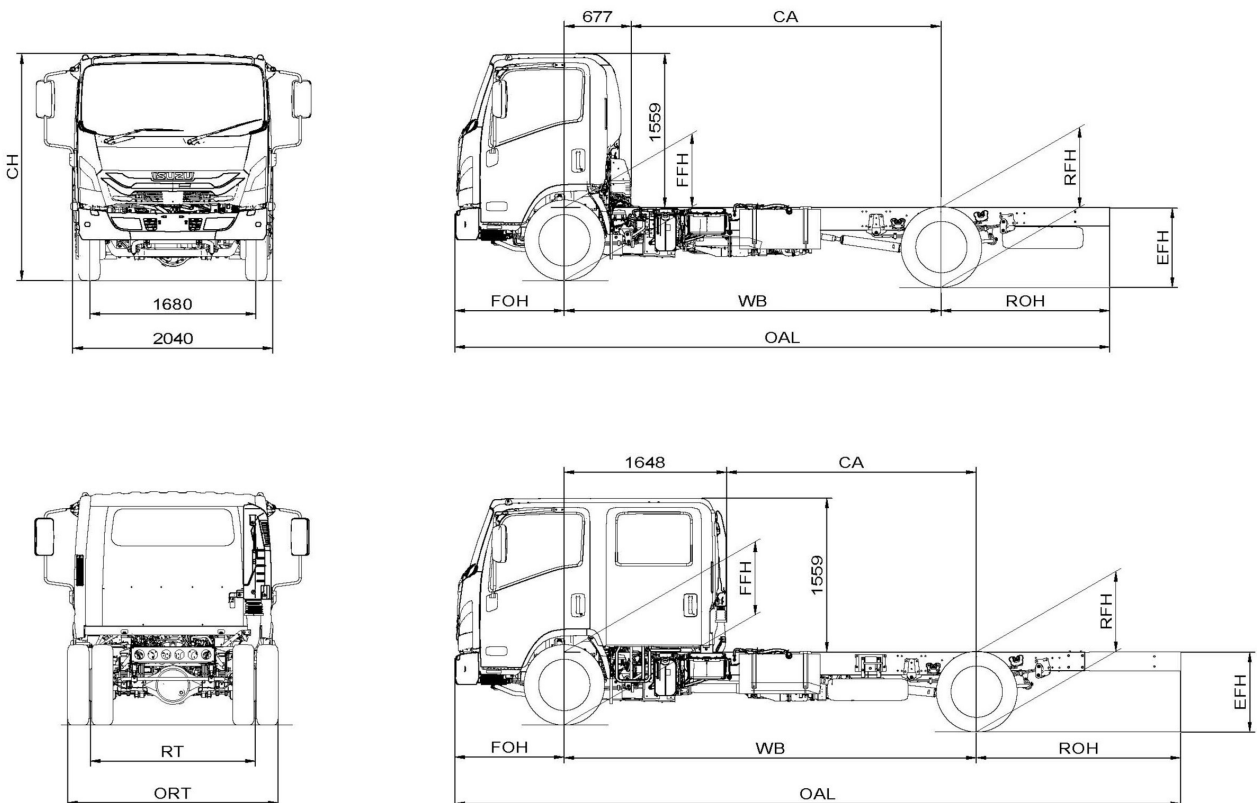
Weights & Dimensions

Weights (kg)

Models	Ratings ⁵		Loading Limit ⁵ (at ground)		Cab Chassis Weight ⁶			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
NQR 88/80-190 AM C42	8,800/8,000	12,300	3,100	6,200	2,244	1,076	3,320	NS-NQRGF-LAS
NQR 88/80-190 AM C45	8,800/8,000	12,300	3,100	6,200	2,255	1,085	3,340	NS-NQRGF-MAS
NQR 88/80-190 AM D34	8,800/8,000	12,300	3,100	6,200	1,958	1,022	2,980	NS-NQRFF-HAS
NQR 88/80-190 AM D38	8,800/8,000	12,300	3,100	6,200	1,969	1,036	3,005	NS-NQRFF-KAS
NQR 88/80-190 AM D42	8,800/8,000	12,300	3,100	6,200	2,049	981	3,030	NS-NQRFF-LAS
NQR 88/80-190 AM D45	8,800/8,000	12,300	3,100	6,200	2,060	985	3,045	NS-NQRFF-MAS
NQR 88/80-190 AM F45	8,800/8,000	12,300	3,100	6,200	2,050	980	3,030	NS-NQRHF-MAS
NQR 88/80-190 MT C42	8,800/8,000	12,300	3,100	6,200	2,219	1,066	3,285	NS-NQRGE-LAS
NQR 88/80-190 MT C45	8,800/8,000	12,300	3,100	6,200	2,230	1,075	3,305	NS-NQRGE-MAS
NQR 88/80-190 MT D34	8,800/8,000	12,300	3,100	6,200	1,933	1,012	2,945	NS-NQRFE-HAS
NQR 88/80-190 MT D42	8,800/8,000	12,300	3,100	6,200	2,024	971	2,995	NS-NQRFE-LAS
NQR 88/80-190 MT D45	8,800/8,000	12,300	3,100	6,200	2,035	975	3,010	NS-NQRFE-MAS

Dimensions⁷ (mm)

Models	WB	OAL	FOH	ROH	CA	RT	ORT	CH	FFH (Unladen)	RFH (Unladen)	EFH (Unladen)	Turning Circle ⁸ (m) Kerb To Kerb
NQR 88/80-190 D34	3,365	5,985	1,110	1,510	2,687	1,670	2,155	2,278	719	819	864	12.8
NQR 88/80-190 D42	4,175	7,355	1,110	2,070	3,497	1,670	2,155	2,274	715	820	872	15.5
NQR 88/80-190 C42	4,175	7,355	1,110	2,070	2,527	1,670	2,155	2,275	716	818	869	15.5
NQR 88/80-190 D45	4,475	7,815	1,110	2,230	3,797	1,670	2,155	2,274	715	820	872	16.5
NQR 88/80-190 C45	4,475	7,815	1,110	2,230	2,827	1,670	2,155	2,274	715	818	869	16.5
NQR 88/80-190 D38	3,815	6,635	1,110	1,710	3,137	1,670	2,155	2,276	717	819	865	14.2
NQR 88/80-190 F45	4,475	7,815	1,110	2,230	3,797	1,670	2,155	2,273	714	820	873	16.5



Cabin Features

General Features

AUDIBLE WARNING	Reverse alarm
ENGINE ACCESS	Access hatch under driver's seat and tiltable front passenger seat (Crew/Fixed 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" mirrors
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	DPD manual regeneration switch
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) ADAS controls
STEERING WHEEL CONTROLS	Multi Information Display controls Multimedia controls (inc. phone)
TRANSMISSION (AMT ONLY)	Gear selection control with R-N-D and sequential shift positions Normal/economy gear selection modes



Cabin Interior

AIR CONDITIONING	Auto climate control Rear cabin cooler vents (Crew cab)
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 (Day cab) Driver's bucket seat (Crew/Fixed cab) Passenger bench seat with 2 seat capacity Rear bench seat with 4 seat capacity (Crew 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)
RADIO	AM / FM / DAB+
INTERNAL STORAGE CAPACITY	32GB
SCREEN TYPE	10.1" High Definition with capacitive touch Android Auto/Apple CarPlay compatible (wired)
SMARTPHONE INTEGRATION	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 Adjustable vehicle speed warning
MULTI INFORMATION DISPLAY	AEB, FCW, DWS, LDW, FACC, TMW System activation alerts CTW indicator Hourmeter

Service & Support



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



Warranty⁹

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 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.

ISUZU AUSTRALIA LIMITED ABN 97 006 962 572 ("IAL"). The information in this specification sheet was correct at time of Publication, 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 specification 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 specification sheet. Our National Customer Care Centre provides you access to a team of specialists with years of training. A conversation with an Isuzu specialist is as easy as contacting the team on 1800 035 640 or customercare@isuzu.net.au.

Isuzu Australia Limited

www.isuzu.com.au