



Images may not be representative of the Australian production model.

Specification Guide

FRR 110-240 FRD 110-240

Weight Ratings

GVM	11,000 kg
GCM ¹	15,500 kg / 18,500 kg

Engine

Power	177 kW @ 2,400 rpm
Torque	765 Nm @ 1,600 rpm

Transmissions

6-speed Manual Transmission (MT)
6-speed Automated Manual Transmission (AM)

Wheelbase

4,360 mm
5,160 mm
5,560 mm

Key Features

- Adaptive Driving Beam (ADB)
- ADR 80/04 (pPNLT) Compliant
- Advanced Emergency Braking (AEB)
- Anti Lock Braking System (ABS)
- Bi-LED Headlamps with Daytime Running Lamps (DRL)
- ECE-R29 cab with side anti-intrusion beams
- Electronic Stability Control (ESC)
- Full speed Adaptive Cruise Control (FACC) (AM models only)
- Hill Start Aid (HSA)
- ISRI 6860/875 NTS2 Air Suspension Driver's Seat
- 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-TCH
Type	4 Cylinder
Power	177 kW @ 2,400 rpm
Torque	765 Nm @ 1,600 rpm
Displacement	5,193 cc
Compression Ratio	16.50:1
Bore x Stroke	115 mm x 125 mm
Induction	Low pressure turbocharger and high pressure Variable Geometry System (VGS) turbocharger sequentially operated and with air-to air intercooler.
Fuel Injection	Direct injection high pressure common rail system.
Emission Standard	ADR80/04 (pPNLT)
Emission Control	SCR (Selective Catalytic Reduction) DPD (Diesel Particulate Diffuser) EGR (Exhaust Gas Recirculation)
Auxiliary Brake	Air controlled exhaust brake

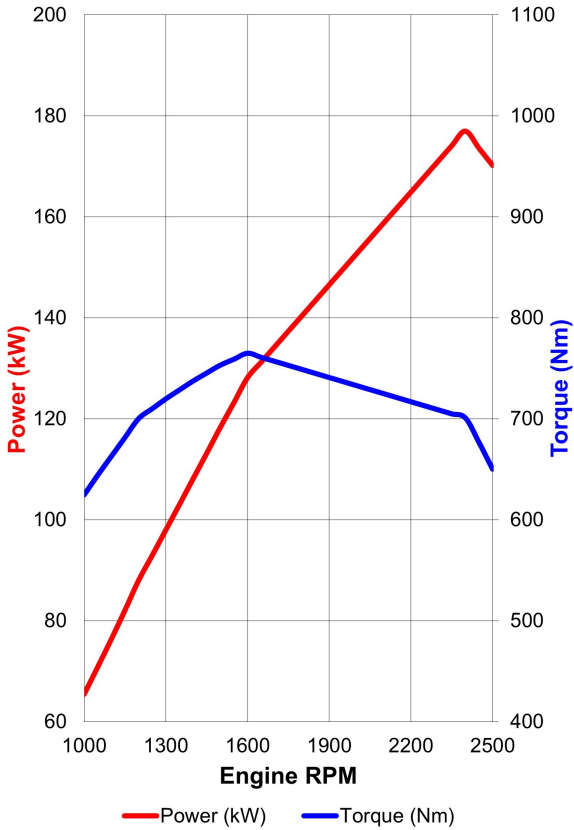
Transmission

MT	Description: ISUZU MZW-6P						
	Type: Manual Transmission						
	Ratios:						
	1	2	3	4	5	6	REV
	6.61	4.09	2.35	1.53	1.00	0.72	6.61
Power Take Off Facility: PTO provision on LHS of transmission case							
AM	Description: ISUZU MZW-6P						
	Type: Automated Manual Transmission						
	Ratios:						
	1	2	3	4	5	6	REV
	6.61	4.09	2.35	1.53	1.00	0.72	6.61
Power Take Off Facility: PTO provision on LHS of transmission case. PTO drive from mainshaft gear							

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)
FRR/D 110-240	At 11,000 kg GVM	107 km/h @ 2,400 rpm	49%	2,253 rpm

4HK1-TCH 240PS pPNLT



Clutch

MT	Type: Single plate with air assisted hydraulic control
	Clutch Plate Diameter: 381 mm

Technology & Equipment

Intelligent Safety

ACTIVE SAFETY Advanced Driver Assistance Systems (ADAS)	Adaptive Driving Beam (ADB)
	Advanced Emergency Braking (AEB)
	Anti Skid Regulator (Traction Control) (ASR)
	Anti-lock Braking System (ABS)
	Attention Alert System (AAS)
	Automatic Lighting System (Front and Rear) (ALS)
	Distance Warning System (DWS)
	Electronic Stability Control (ESC)
	Forward Collision Warning (FCW)
	Front Cross Traffic Alert (FCTA)
	Full speed Adaptive Cruise Control (AM models only) (FACC)
	Intelligent Speed Limiter (ISL)
	Intersection Warning System (IWS)
	Lane Departure Warning (LDW)
	Traffic Movement Warning (TMW)
	Traffic Sign Recognition (TSR)
PASSIVE SAFETY Cabin Occupant Safety Systems (COSS)	ECE-R29 cab with side anti-intrusion beams
	Overhead compartments, Twin cup holders, Centre console box & storage tray, Front door pockets
	SRS Driver and front outboard passenger airbags
	SRS Driver and front outboard passenger seatbelt pretensioners

Accessories³

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	•
Communications	Two-Way Radios	•
Aerodynamics	Air Deflectors	•
Safety	Warning Triangles	•
	Wheel Nut Indicators	•
	Signage	•

• 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
Wheel Lock Angle	52° (inside wheel) / 39° (outside wheel)

Suspension

Front	Type	Single stage steel taper leaf spring
	Other Features	Double acting hydraulic shock absorbers with stabilizer bar.
FRR	Description	Isuzu
	Type	Two stage,multi-leaf main and helper spring
Rear	Description	Hendrickson HAS200
	FRD Type	2-bag air spring
	Capacity	9,000 kg

Fuel and AdBlue® Tanks

Diesel Tank	Type	Frame mounted tank
	Capacity ⁴ (L)	200
	Material	Steel
	Features	Lockable Cap
AdBlue® Tank	Type	Frame mounted tank
	Capacity ⁴ (L)	28
	Material	High-Density Polyethylene

Electrical Systems

Voltage (V)	24
Alternator (A)	90
Starter Motor (kW)	5
Battery	2 x 115E41L (651 CCA) batteries connected in series
CAN bus Provision	FMS Provision

Chassis Frame

Type	Cold rivetted ladder frame
Material	HT620 steel side members
Dimension	Side Rail (mm): 234 x 70 x 7 Rear frame width (mm): 840

Axle

Front	Description	Isuzu F041
	Type	Reverse Elliot I-beam
	Capacity	4,100 kg
Rear	Description	Isuzu R077
	Type	Single drive
	Capacity	7,700 kg
	Ratio	4.555

Wheels & Tyres

Front	Wheels	JIS 6 Stud 17.5 x 6.75 Alcoa aluminium wheels (Alloy-W model)
		JIS 6 Stud 17.5 x 6.75 steel wheels
	Tyres	235/75R17.5 132/130M Michelin XMulti Z Tubeless Michelin
	Front Axle Tyre Rating	4,000 kg
Rear	Wheels	JIS 6 Stud 17.5 x 6.75 Alcoa aluminium wheels (Alloy-W model)
		JIS 6 Stud 17.5 x 6.75 steel wheels
	Tyres	235/75R17.5 132/130M Michelin XMulti Z Tubeless Michelin
	Rear Axle Tyre Rating	7,600 kg

Brakes

Type	Air Over Hydraulic drum brakes with Electronic Braking System (EBS) (MT)
	Full Air drum brakes with Electronic Braking System (EBS)
Front Diameter	320 mm
Rear Diameter	320 mm
Front Drum Width	120 mm
Rear Drum Width	145 mm
Park Brake	Spring park brake acting on all rear wheels

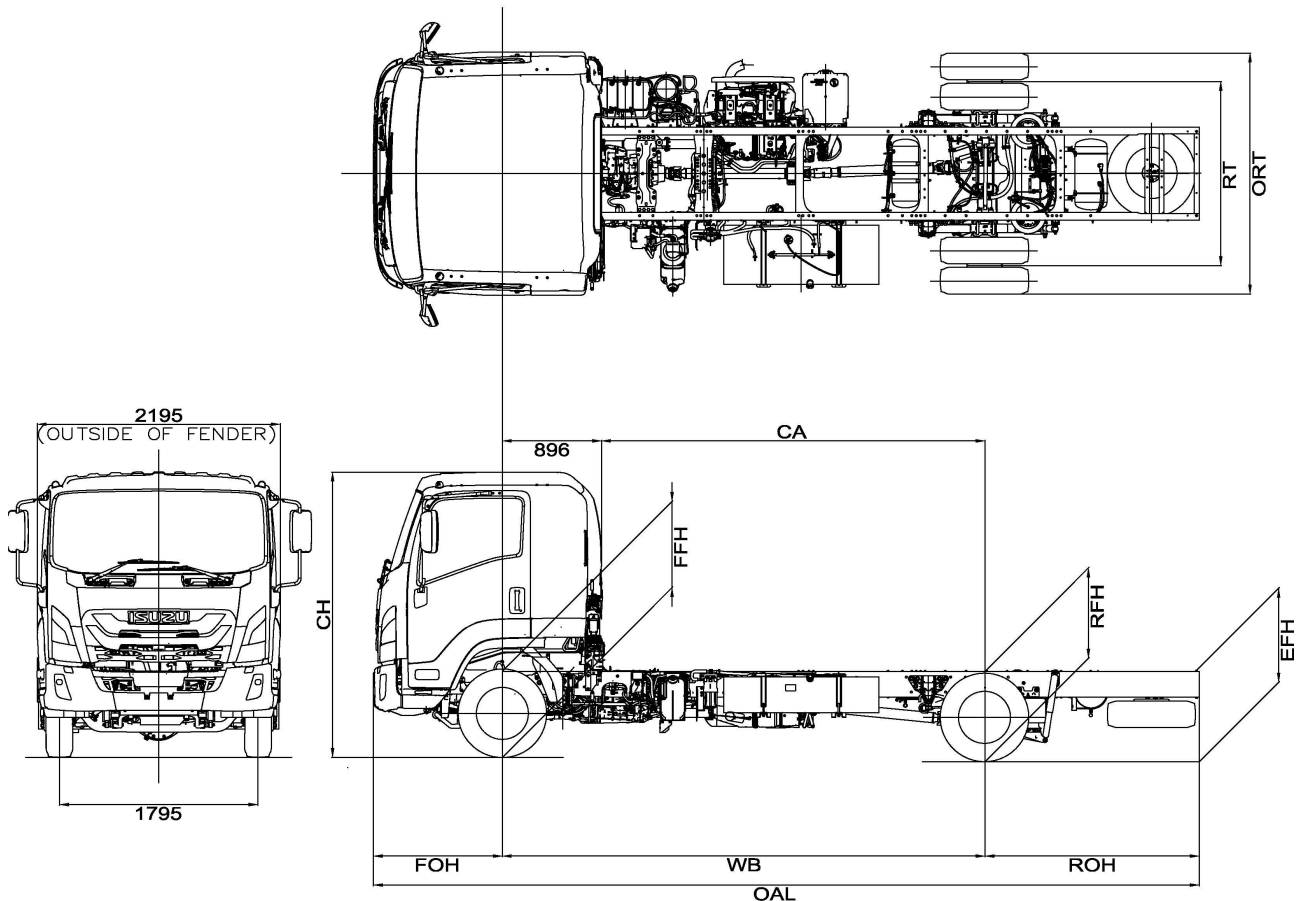
Weights & Dimensions

Weights (kg)

Models	Ratings ⁵		Loading Limit ⁵ (at ground)		Cab Chassis Weight ⁶			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
FRR 110-240 AM R44	11,000	18,500	4,000	7,600	2,307	1,254	3,561	FS-FRRKL-LAS
FRR 110-240 AM R52	11,000	18,500	4,000	7,600	2,353	1,283	3,636	FS-FRRKL-PAS
FRR 110-240 AM R56	11,000	18,500	4,000	7,600	2,543	1,319	3,862	FS-FRRKL-QAS
FRR 110-240 MT R44	11,000	15,500	4,000	7,600	2,268	1,197	3,465	FS-FRRKJ-LAS
FRR 110-240 MT R52	11,000	15,500	4,000	7,600	2,319	1,254	3,573	FS-FRRKJ-PAS
FRD 110-240 AM R44	11,000	18,500	4,000	7,600	2,297	1,354	3,651	FS-FRDKL-LAS
FRD 110-240 AM R52	11,000	18,500	4,000	7,600	2,347	1,373	3,720	FS-FRDKL-PAS
FRD 110-240 AM R52 ALLOY-W	11,000	18,500	4,000	7,600	2,335	1,323	3,658	FS-FRDKL-PSS

Dimensions⁷ (mm)

Models	WB	OAL	FOH	ROH	CA	RT	ORT	CH	FFH (Unladen)	RFH (Unladen)	EFH (Unladen)	Turning Circle ⁸ (m) Kerb To Kerb
FRR 110-240 AM R44	4,360	7,250	1,165	1,725	3,464	1,705	2,260	2,569	768	892	940	14.7
FRR 110-240 AM R52	5,160	8,600	1,165	2,275	4,264	1,705	2,260	2,568	767	891	945	17.1
FRR 110-240 AM R56	5,560	9,150	1,165	2,425	4,664	1,705	2,260	2,568	761	891	948	18.3
FRR 110-240 MT R44	4,360	7,250	1,165	1,725	3,464	1,705	2,260	2,570	770	892	946	14.7
FRR 110-240 MT R52	5,160	8,600	1,165	2,275	4,264	1,705	2,260	2,569	768	892	946	17.1
FRD 110-240 AM R44	4,360	7,460	1,165	1,935	3,464	1,660	2,170	2,570	769	825	850	14.7
FRD 110-240 AM R52	5,160	8,600	1,165	2,275	4,264	1,660	2,170	2,568	767	825	850	17.1
FRD 110-240 AM R52 ALLOY-W	5,160	8,600	1,165	2,275	4,264	1,675	2,185	2,568	768	825	850	17.1



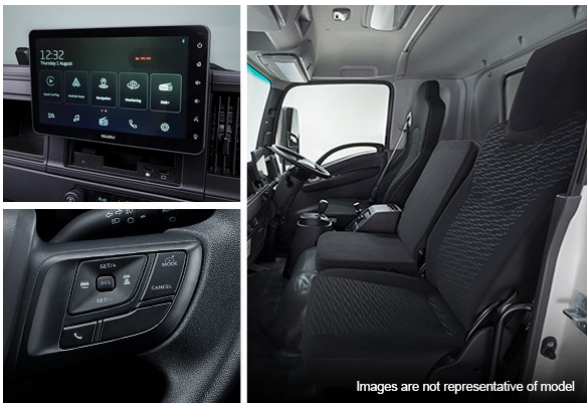
Cabin Features

General Features

AUDIBLE WARNING	Reverse alarm
ENGINE ACCESS	Manual cab tilt to 45° with torsion bar assistance
EXTERIOR LIGHTING	BI-LED Headlamps with Adaptive Driving Beam (ADB) and Daytime Running Lamps (DRL) LED front foglamps LED Tail lamps Roof mounted clearance lamps
FRONT BUMPER	3-piece resin, body coloured
MIRRORS	Heated & 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	Automatic windshield wet Wiper System (AWS)

Driver Control

ENGINE	Cruise control DPD manual regeneration switch Idle speed control
GENERAL CONTROLS	Auto windshield wet wiper system, washers, engine brake and 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 (AM ONLY)	Gear selection control with R-N-D and sequential shift positions



Cabin Interior

AIR CONDITIONING	Automatic climate control
ENTRY ASSIST GRIPS	Door and roof pillar mounted
INTERIOR LIGHTING	LED door open lamp, Bright LED room lamp ISRI 6860/875 NTS2 air suspension driver's seat with heating and ventilation
OCCUPANCY	LH passenger bucket seat, plus centre seat with folding seat back and storage compartment Rear space: Storage
POWER OUTLET	24V
SEATBELTS	lap sash seatbelts in all outboard seating positions (Integrated driver). Centre seat lap belts.
STEERING COLUMN	Tilt/telescopic adjustable
STORAGE	Overhead cabinet, 2 cup holders, door pockets

MyISUZU Co-Pilot Audio Visual Unit

INTERNAL STORAGE CAPACITY	32GB
NAVIGATION	Truck tailored GPS based system + Live traffic and map content updates via smartphone link (live feed updates are provided for 3 years)
OPERATING SYSTEM	Android Automotive
RADIO	AM / FM / DAB+
SCREEN TYPE	10.1" High Definition with capacitive touch
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 systems activation alerts Auto windshield wiper system mode 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 300,000 km / Unlimited Hours
Harsh Application Warranty Agitator / Compactor	3 Years 200,000 km, No hours stipulation
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 GCM is available on application. To utilise GCM, the vehicle must be fitted with approved 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