

Images may not be representative of the Australian production model.

Specification Guide

FVR 170-300
FVD 170-300

Weight Ratings

GVM	17,000 kg
GCM[1]	32,000 kg

Engine

Power	221 kW @ 2,200 rpm
Torque	984 Nm @ 1,000 - 2,100 rpm

Transmissions

6-speed Automatic Transmission (AT)

Wheelbase

4,660 mm

6,000 mm

6,950 mm

Key Features

- Adaptive Driving Beam (ADB)
- ADR 80/04 (Euro VI) Compliant
- Advanced Emergency Braking (AEB)
- 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)
- ISRI 6860/875 NTS2 Air Suspension Driver's Seat
- Lane Departure Warning (LDW)
- Lane Keeping Assist (LKA)

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

6 YEAR FACTORY WARRANTY
24/7 ROADSIDE ASSIST

ISUZU CARE

Driveline

Engine

Description	Isuzu DB6A-TCC
Type	6 Cylinder
Power	221 kW @ 2,200 rpm
Torque	984 Nm @ 1,000 - 2,100 rpm
Displacement	6,690 cc
Bore x Stroke	107 mm x 124 mm
Induction	Fixed-geometry wastegated turbocharger with air-to-air intercooler
Fuel Injection	Direct injection high pressure common rail system
Emission Standard	ADR 80/04 (Euro VI) compliant.
Emission Control	SCR (Selective Catalytic Reduction) DPD (Diesel Particulate Diffuser)
Auxiliary Brake	Engine Compression Brake (I-Brake)

Transmission

AT

Description: Allison 3000 Gen 6

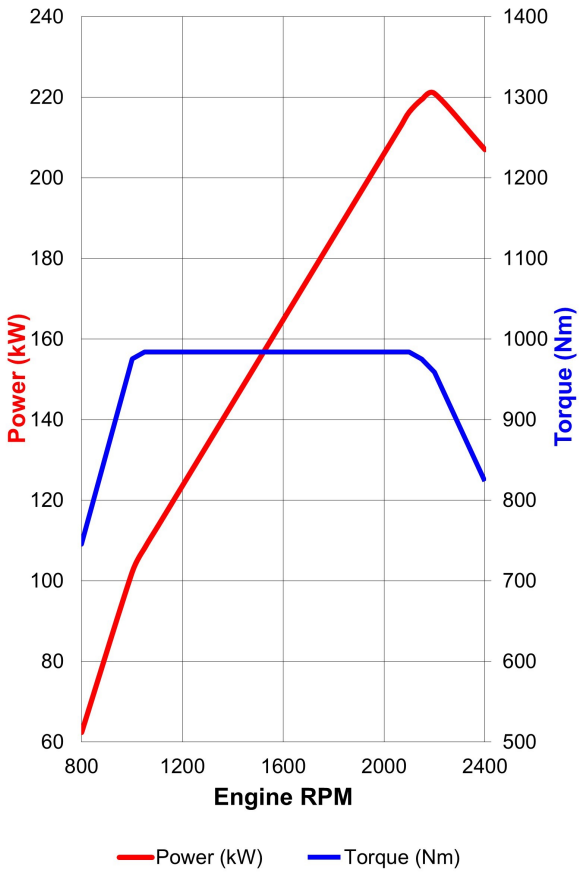
Type: Automatic Transmission

Ratios:

1	2	3	4	5	6	REV
3.49	1.86	1.41	1.00	0.75	0.65	5.03

Power Take Off Facility: LHS and top openings on transmission bellhousing. Engine driven PTO drive gear

DB6A-TCC Euro-VI



Clutch

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)
FVR/D 170-300 AT	At 17,000 kg GVM	108 km/h @ 2,200 rpm	21%	2,043 rpm



Technology & Equipment

Intelligent Safety

ACTIVE SAFETY Advanced Driver Assistance Systems (ADAS)	Adaptive Driving Beam (ADB)
	Advanced Emergency Braking (AEB)
	Anti-lock Braking System (ABS)
	Anti-Slip Regulator (ASR)
	Automatic Lighting System (Front and Rear) (ALS)
	Cab Tilt Warning (CTW)
	Customisable Speed Limiter (CSL)
	Distance Warning System (DWS)
	Electronic Stability Control (ESC)
	Forward Collision Warning (FCW)
	Full speed Adaptive Cruise Control (FACC)
	Intelligent Speed Limiter (ISL)
	Lane Departure Warning (LDW)
	Lane Keeping Assist (LKA)
	Traffic Movement Warning (TMW)
	Traffic Sign Recognition (TSR)
PASSIVE SAFETY Cabin Occupant Safety Systems (COSS)	ECE-R29 cab with side anti-intrusion beams
	Overhead shelf restraint netting
	SRS Driver and front outboard passenger airbags
	SRS Driver and front outboard passenger seatbelt pretensioners

Accessories[3]

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.

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	Electric Power Steering
Wheel Lock Angle	48.5° (inside wheel) / 33° (outside wheel)

Suspension

Front		**Type:** Single stage steel taper leaf spring
		Other Features: Double acting hydraulic shock absorbers with stabilizer bar.
Rear	**FVR**	**Description:** Isuzu
		Type: Multi-leaf main spring,multi-leaf helper spring. Stabiliser bar
	FVD	**Description:** Hendrickson HAS230
		Type: Airbag
		Capacity: 10,400

Fuel and AdBlue® Tanks

Diesel Tank	Type	Frame mounted tank
	Capacity[4] (L)	200 (R47)
		400 (R60 & R70)
	Material	Aluminium (R60 & R70)
		Steel (R47)
	Features	Lockable Cap
AdBlue® Tank	Type	Frame mounted tank
	Capacity[4] (L)	65
	Material	High-Density Polyethylene

Electrical Systems

Voltage (V)	24
Alternator (A)	90
Starter Motor (kw)	5.00
Battery	2 x 115E41L (651 CCA) batteries connected in series
CAN bus Provision	FMS Provision

Chassis Frame

Type	Rivetless bolted ladder frame
Material	HT540 steel side members
Dimension	Side Rail (mm): 275 x 90 x 7.5 Rear frame width (mm): 870

Axle

Front	Description	Meritor MFS73
	Type	Reverse Elliot I-beam
	Capacity	7,300 kg
Rear	Description	Meritor MS-11-165
	Type	Single Drive
	Capacity	11,000 kg
	Ratio	6.142

Wheels & Tyres

Front	Wheels	ISO 10 Stud 22.5X9.0 (Steel)
	Tyres	315/70R22.5 156/150L Michelin XMULTI ENERGY Z2
	Front Axle Tyre Rating	7,500 kg
Rear	Wheels	ISO 10 Stud 22.5 x 8.25 (Steel)
	Tyres	11R22.5 148/145L Michelin XMULTI D+
	Rear Axle Tyre Rating	11,600 kg

Brakes

Type	Full Air disc Electronic Braking System (EBS)
Front Diameter (mm)	434
Rear Diameter (mm)	434
Park Brake	Spring park brake acting on all rear wheels

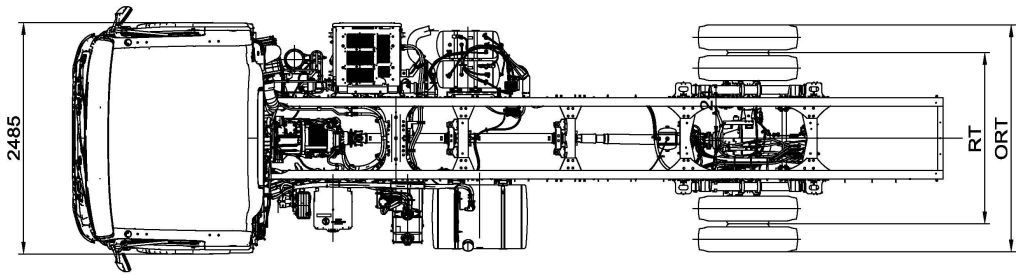
Weights & Dimensions

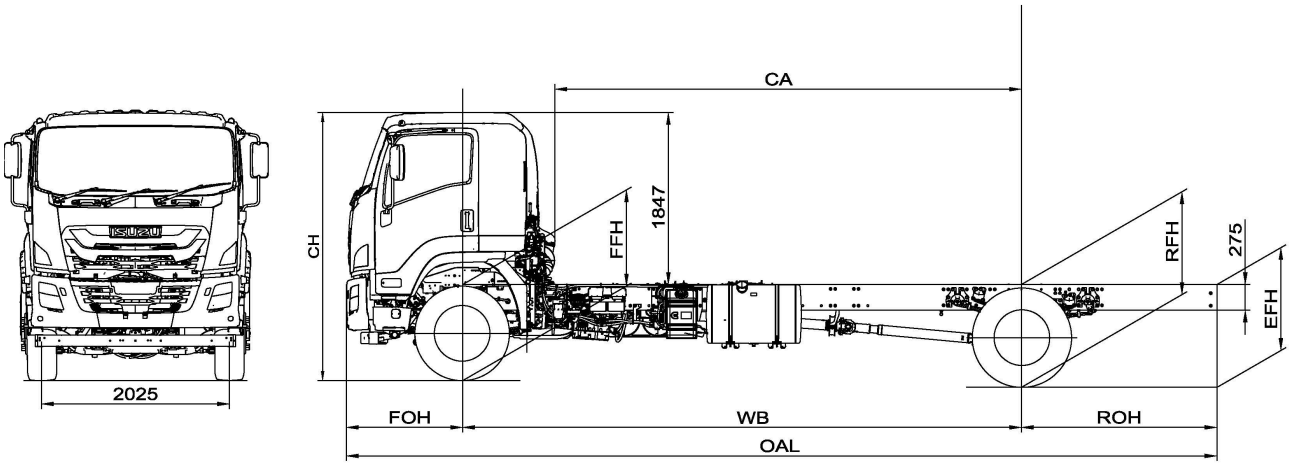
Weights (kg)

Models	Ratings[5]		Loading Limit[5] (at ground)		Cab Chassis Weight[6]			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
FVR 170-300 AT R47	17,000	32,000	7,300	10,400	3,402	2,159	5,561	FS-FVRMR-MAS
FVR 170-300 AT R60	17,000	32,000	7,300	10,400	3,529	2,168	5,697	FS-FVRMR-SAS
FVD 170-300 AT R47	17,000	32,000	7,300	10,400	3,398	2,051	5,449	FS-FVDMR-MAS
FVD 170-300 AT R60	17,000	32,000	7,300	10,400	3,527	2,062	5,589	FS-FVDMR-SAS
FVD 170-300 AT R70	17,000	32,000	7,300	10,400	3,610	2,122	5,732	FS-FVDMR-VAS

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
FVR 170-300 AT R47	4,660	8,005	1,255	2,090	3,675	1,840	2,450	2,866	1,019	1,107	1,147	16.6
FVR 170-300 AT R60	6,000	9,355	1,255	2,100	5,015	1,840	2,450	2,863	1,016	1,107	1,139	20.8
FVD 170-300 AT R47	4,660	8,005	1,255	2,090	3,675	1,840	2,450	2,866	1,019	1,011	1,007	16.6
FVD 170-300 AT R60	6,000	9,355	1,255	2,100	5,015	1,840	2,450	2,863	1,016	1,011	1,009	20.8
FVD 170-300 AT R70	6,950	10,840	1,255	2,635	5,965	1,840	2,450	2,861	1,014	1,011	1,009	23.8





Cabin Features

General Features

AUDIBLE WARNING	Reverse alarm
CAB MOUNTING	Rear coil spring suspension with hydraulic shock absorbers
ENGINE ACCESS	Electro-hydraulic cab tilt
EXTERIOR LIGHTING	BI-LED Headlamps with Adaptive Driving Beam (ADB) and Daytime Running Lamps (DRL)
	LED front foglamps
	LED Roof mounted clearance lamps
	LED Tail 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	Auto windshield wet wiper system

Driver Control

ENGINE	DPD manual regeneration switch
	Full speed adaptive cruise control
GENERAL CONTROLS	Auto windshield wiper system,wet wipers,washers,engine brake and turn signals
SAFETY SYSTEMS	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.
	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)



Cabin Interior

AIR CONDITIONING	Auto control
ENTRY ASSIST GRIPS	Door and roof pillar mounted
INTERIOR LIGHTING	LED door open lamp. Bright LED room lamp
OCCUPANCY	ISRI 6860/875 NTS2 air suspension driver's seat with heating and ventilation
	LH passenger bucket seat,plus centre seat with folding seat back and storage compartment
	Rear space: ADR42 Compliant sleeper
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,DWS,FCW,FACC,LDW,LKA,TMW systems activation alerts
	Auto windshield wiper system mode
	CTW indicator
	Hourmeter

Service & Support



6 YEAR FACTORY WARRANTY 24/7 ROADSIDE ASSIST

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
	500,000 km / 8,000 Engine Hours
Harsh Application Warranty Agitator / Compactor	3 Years
	200,000 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. Models rated above 11,000 kg GVM are road-speed limited to 100 km/h in accordance with ADR 65/00.

[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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