



Specification Guide

FSR 140/120-240

FSD 140/120-240

Weight Ratings

GVM	12,000 kg / 14,000 kg
GCM ¹	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
5,560 mm

Key Features

- Adaptive Driving Beam (ADB)
- ADR 80/04 (pPNLT) 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) (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

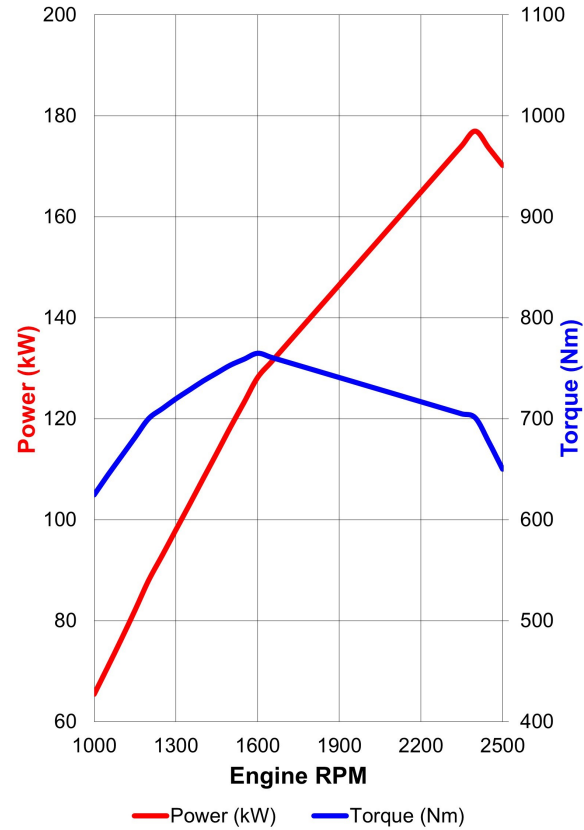
Engine

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							

4HK1-TCH 240PS pPNLT



Clutch

MT	Type: Single plate with air assisted hydraulic control
	Clutch Plate Diameter: 352 mm

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)
FSR/D 120-240	At 12,000 kg GVM	104 km/h @ 2,400 rpm	46%	2,300 rpm
FSR/D 140-240	At 14,000 kg GVM	104 km/h @ 2,400 rpm	39%	2,300 rpm

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)	Door mounted cornering lamps
	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	44° (inside wheel) / 34° (outside wheel)

Suspension

Front	Type	Single stage steel taper leaf spring
	Other Features	Double acting hydraulic shock absorbers with stabilizer bar.
FSR	Description	Isuzu
	Type	Two stage,multi-leaf main and helper spring
Rear	Description	Hendrickson HAS200
	FSD 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 F050
	Type	Reverse Elliot I-beam
	Capacity	5,000 kg
Rear	Description	Isuzu R090
	Type	Single drive
	Capacity	9,000 kg
	Ratio	5.125

Wheels & Tyres

Front	Wheels	ISO 8 Stud 19.5 x 6.75 steel wheels
	Tyres	265/70R19.5 140/138M X MULTI Z Michelin
	Front Axle Tyre Rating	5,000 kg
Rear	Wheels	ISO 8 Stud 19.5 x 6.75 steel wheels
	Tyres	265/70R19.5 140/138M X MULTI Z Michelin
	Rear Axle Tyre Rating	9,440 kg

Brakes

Type	Full Air drum brakes with Electronic Braking System (EBS)
Front Diameter	370 mm
Rear Diameter	370 mm
Front Drum Width	150 mm
Rear Drum Width	150 mm
Park Brake	Spring park brake acting on all rear wheels

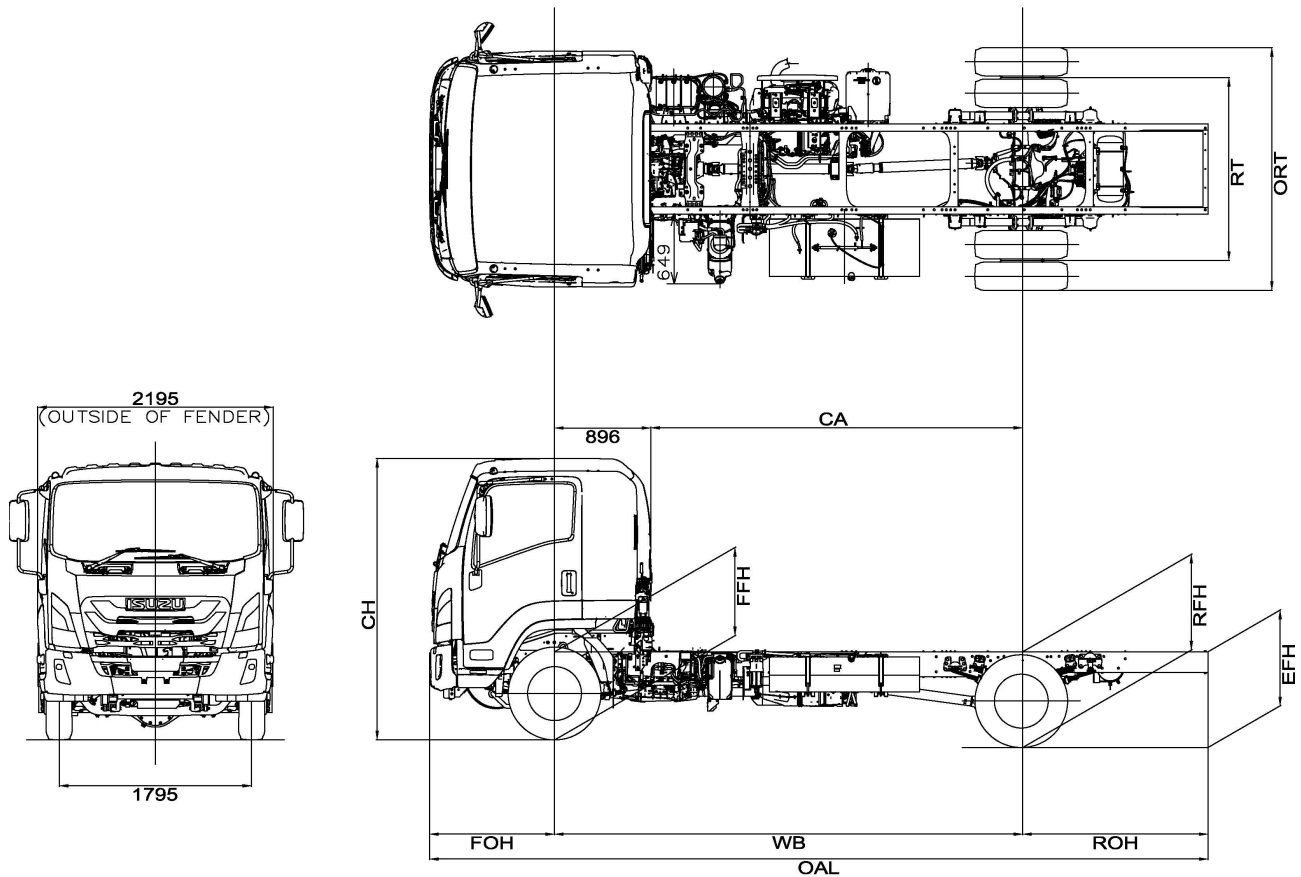
Weights & Dimensions

Weights (kg)

Models	Ratings ⁵		Loading Limit ⁵ (at ground)		Cab Chassis Weight ⁶			Order Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
FSR 140/120-240 AM R44	14,000/12,000	18,500	5,000	9,000	2,531	1,396		FS-FSRKL-LAS
FSR 140/120-240 AM R56	14,000/12,000	18,500	5,000	9,000	2,556	1,471		FS-FSRKL-QAS
FSD 140/120-240 AM R56	14,000/12,000	18,500	5,000	9,000	2,564	1,507		FS-FSDKL-QAS
FSR 140/120-240 MT R44	14,000/12,000	18,500	5,000	9,000	2,511	1,391		FS-FSRKJ-LAS
FSR 140/120-240 MT R56	14,000/12,000	18,500	5,000	9,000	2,537	1,466		FS-FSRKJ-QAS

Dimensions⁷ (mm)

Models	WB	OAL	FOH	ROH	CA	RT	ORT	CH	FFH (Unladen)	RFH (Unladen)	EFH (Unladen)	Turning Circle ⁸ (m) Kerb To Kerb
FSR 140/120-240 AM R44	4,360	7,250	1,165	1,725	3,464	1,705	2,260	2,604	803	891	925	15.6
FSR 140/120-240 AM R56	5,560	9,150	1,165	2,425	4,664	1,705	2,260	2,602	802	885	922	19.4
FSD 140/120-240 AM R56	5,560	9,150	1,165	2,425	4,664	1,670	2,225	2,602	802	858	883	19.4
FSR 140/120-240 MT R44	4,360	7,250	1,165	1,725	3,464	1,705	2,260	2,605	803	890	925	15.6
FSR 140/120-240 MT R56	5,560	9,150	1,165	2,425	4,664	1,705	2,260	2,603	802	885	922	19.4



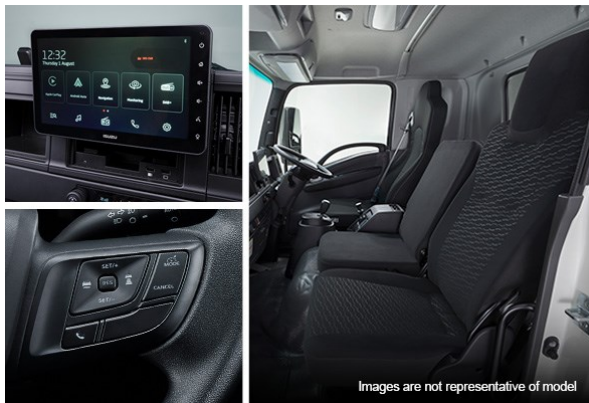
Cabin Features

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
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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.

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