



All images displayed in this document are for illustrative purposes only.

## Specification Guide

# FSR 140.24 / 120.24 FSD 140.24 / 120.24

### Weight Rating

**GVM** 14,000 / 12,000 kg

**GCM** 17,500 / 15,500 kg

### Engine

**Power** 177 kW @ 2,400 rpm

**Torque** 765 Nm @ 1,600 rpm

### Transmission

6 speen manual transmission (MT)

6 speed automated manual transmission (AM)

### Wheelbase

5,320 mm

5,560 mm

### Key Features

- ADR 80/04 (Euro VI) Compliant
- Advanced Emergency Braking (AEB)
- Lane Departure Warning (LDW)
- Full Speed Adaptive Cruise Control (FACC)
- Electronic Stability Control (ESC)
- ECE-R29 cab with side anti-intrusion beams
- Isri 6860/875 NTS2 Air Suspension Driver's Seat
- Bi-LED Headlamps with Daytime Running Lamps

NOTE: This spec sheet is indicitive only - certain specifications still to be confirmed.



### Truck Finder

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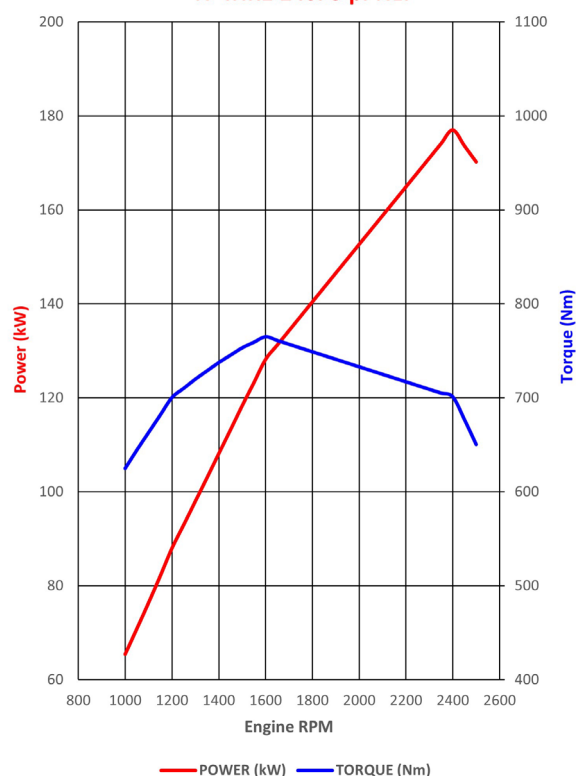
**ISUZU**  
TRUCKS

# Driveline

## Engine

<b>Description</b>	Isuzu 4HK1-TCH
<b>Type</b>	4 cylinder
<b>Power</b>	177 kW (240PS) @ 2,400 rpm
<b>Torque</b>	765 Nm @ 1,600 rpm
<b>Displacement</b>	5,193 cc
<b>Bore x Stroke</b>	115 mm x 125 mm
<b>Induction</b>	Low pressure turbocharger and high pressure Variable Geometry System (VGS) turbocharger sequentially operated and with air-to-air intercooler.
<b>Fuel Injection</b>	Direct injection high pressure common rail system
<b>Emission Standard</b>	ADR 80/04 (pPNLT) compliant
<b>Emission Control</b>	SCR (Selective Catalytic Reduction) DPD (Diesel Particulate Diffuser) EGR (Exhaust Gas Recirculation)
<b>Auxiliary Brake</b>	Air controlled exhaust brake

## N-4HK1 240PS pPNLT



## Transmission

MT	Description: ISUZU MZW-6P						
	Type: Manual Transmission						
	<b>Ratios:</b>						
	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: Provision on LHS of transmission case.						
AT	Description: ISUZU MZW-6P AMT						
	Type: Automated Manual Transmission						
	<b>Ratios:</b>						
	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: Provision on LHS of transmission case. PTO drive from mainshaft gear.						

## Clutch

MT	Type: Single plate
	Clutch Plate Diameter: 381 mm

# Technology & Equipment

## Intelligent Safety

### ACTIVE SAFETY

### ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)^

Advanced Emergency Braking (AEB)
Adaptive Driving Beam (ADB)
Anti Lock Braking System (ABS)
Anti Skid Regulator (ASR)
Attention Alert System (AAS)
Auto Lighting System (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)
Traffic Movement Warning (TMW)
Traffic Sign Recognition (TSR)

### 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 storage compartments with doors.

\*\*Automated Manual Transmission only

## Accessories

### Protection

Isuzu Genuine Bull Bar*	●
Isuzu Seat Covers	●
Isuzu Floor Mats	●
Isuzu Dash Mats	●
Isuzu Weathershields	●
Isuzu Mudflaps	●

### Technology

Isuzu Cameras	●
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### Aerodynamics

Air Deflectors	●
Warning Triangles	●

### Safety

Wheel Nut Indicators	●
Signage	●

\* Expected to be available October 2025

● Fitted as Standard      ● Option to Fit

Some options are provided via 3rd party retailer. Please discuss with your local Isuzu dealer.



# Cabin Features

## General Features

<b>Engine Access</b>	Manual cab tilt to 45° with torsion bar assistance
<b>Steps</b>	Heavy duty anti slip steps
<b>Doors</b>	70° opening internally reinforced front doors
<b>Mirrors</b>	Heated & powered exterior main mirrors with flat glass and additional independently adjustable convex "spot" mirrors
<b>Wipers</b>	Auto windshield wiper system, wet wipers
<b>Exterior Lighting</b>	BI-LED Headlamps with Adaptive Driving Beam (ADB) and Daytime Running Lamps
	Roof mounted clearance lamps
	Front LED foglamps
	LED tail lamps
<b>Audible Warning</b>	Reverse alarm
<b>Front Bumper</b>	3-piece resin, body coloured
<b>Security</b>	Passive Entry and Start System (PESS) with remote central locking and immobiliser

## Premium Isuzu Audio Visual Unit

<b>Connectivity</b>	Bluetooth
	USB socket
	WiFi with over-the-air updates
	Input for up to 6 High Definition (HD) cameras (available accessory)
<b>Radio</b>	AM / FM
<b>Screen Type</b>	8" High Definition with capacitive touch
<b>Smartphone Integration *</b>	Wireless Apple CarPlay®
	Wireless Android Auto™
	Wi-Fi connectivity
<b>Navigation</b>	Provided via smartphone application

CarPlay is a trademark of Apple Inc.  
 Android Auto is a trademark of Google LLC.



## Cabin Interior

<b>Air Conditioning</b>	Auto control
<b>Door Windows</b>	Electric control
<b>Entry Assist Grips</b>	Door and roof pillar mounted
<b>Interior Lighting</b>	LED door open lamp. Bright LED room lamp
<b>Power Outlet</b>	24V cigarette lighter
<b>Seatbelts</b>	3-point lap sash seatbelts in all outboard seating positions. Centre seat lap belts.
<b>Seating</b>	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.
<b>Steering Column</b>	Tilt / telescopic adjustable
<b>Storage</b>	Overhead compartments, two cup holders, front door pockets.

## Driver Control

<b>Engine</b>	Full speed adaptive cruise control**
	DPD manual regeneration switch
	Idle speed control
<b>General Controls</b>	Auto windshield wiper system, wet wipers, washers, engine brake and turn signals
<b>Safety Systems</b>	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.
<b>Steering Wheel Controls</b>	Multi Information Display controls
	Audio Visual volume control
	Audio Visual seek controls
	Phone control
	ADAS controls

\*\*Automated Manual Transmission only

## Instrumentation

<b>General Instrumentation</b>	Digital odometer with integrated dual tripmeters
	Engine coolant temperature and fuel level gauges
	Speedometer and tachometer
<b>Multi Information Display</b>	Adjustable vehicle speed warning
	AEB, FCW, DWS, LDW, TMW systems activation alerts
	Hourmeter
	Low fuel and AdBlue level alerts.
	Auto windshield wiper system mode (TBC)
	Vehicle systems status

# Chassis

## Steering

Type	Power assisted recirculating ball
Turns Lock To Lock	4.10
Lock Angle Inside	44 °
Lock Angle Outside	34 °

## Suspension

Front		Single stage alloy steel taper leaf spring
		Double acting hydraulic shock absorbers. Stabiliser bar.
Rear	FSR	Type: Multi-leaf main spring, multi-leaf helper spring
		Description: Hendrickson HAS200
	FSD	Type: Airbag
		Capacity: 9,000 kg at ground

## Fuel Tank

Diesel Tank	Type: Frame mounted steel tank
	Maximum capacity <sup>2</sup> : 200 L
	Fuel cap: Lockable cap
AdBlue® Tank	Type: Frame mounted high-density polyethylene tank
	Maximum capacity <sup>2</sup> : 28 L

## Electrical Systems

Type	24 volt
Alternator	90 amp
Battery	2 x 115E41L (651 CCA) batteries connected in series
CAN Bus provision	TBC

## Chassis Frame

Type	Cold rivetted ladder frame
Material	HT620 steel side members
Dimensions	Side rail (mm): 70 x 234 x 7.0 Rear frame width (mm): 840

## Axles

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: 5.571

## Wheels & Tyres

Front	Wheels: 19.5 x 6.75 eight stud ISO standard. Steel wheels.
	Tyres: 265/70R19.5 140/138M
	Steer axle tyre rating: 5,000 kg
Rear	Wheels: 19.5 x 6.75 eight stud ISO standard. Steel wheels.
	Tyres: 265/70R19.5 140/138M
	Rear axle tyre rating: 9,440 kg

## Brakes

Type	Full Air dual circuit drum brakes front and rear with EBS
Diameter Front	370 mm
Diameter Rear	370 mm
Park Brake	Spring park brake acting on all rear wheels

# Weights & Dimensions

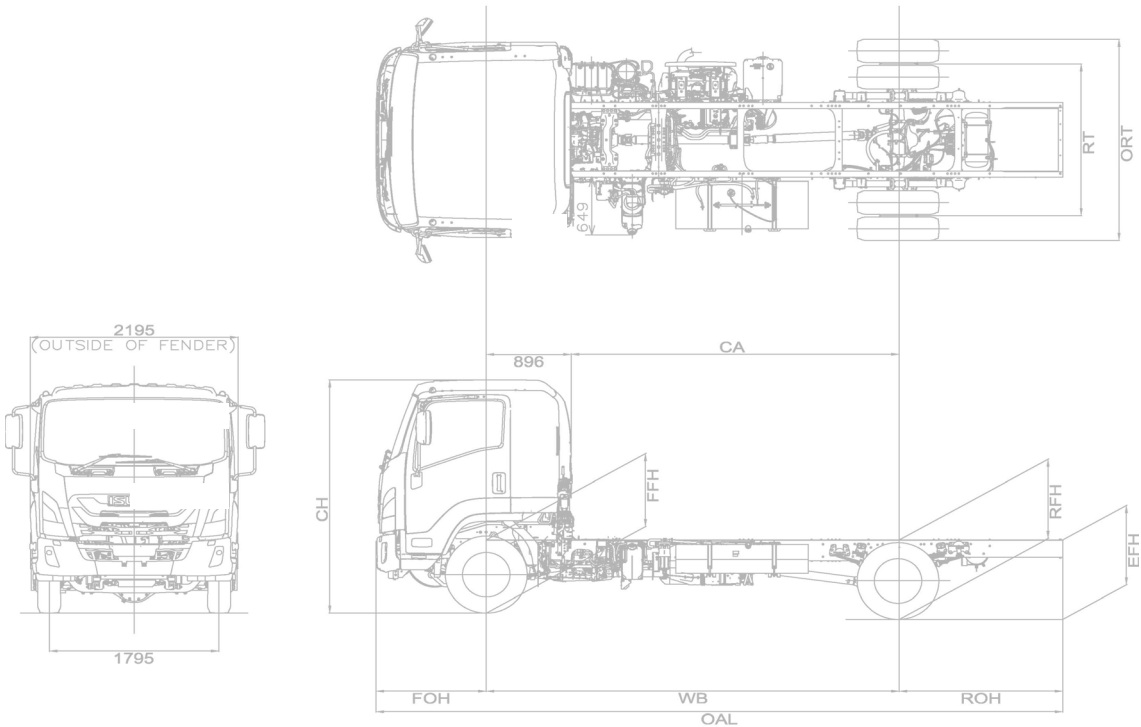
## Weights (kg)

Models	Ratings <sup>3</sup>		Loading Limit <sup>3</sup> (at ground)		Cab Chassis Weight <sup>4</sup>			Model Code
	GVM	GCM	Front	Rear	Front	Rear	Total	
FSR 140.24 MT D53	14,000	17,500	5,000	9,000	2,600	1,545	4,145	FS2640
FSR 120.24 MT D53	12,000	15,500	5,000	9,000	2,600	1,545	4,145	FS2642*
FSR 140.24 AM D53	14,000	17,500	5,000	9,000	2,626	1,545	4,170	FS2641
FSR 120.24 AM D53	12,000	15,500	5,000	9,000	2,626	1,545	4,170	FS2643*
FSR 140.24 MT R56	14,000	17,500	5,000	9,000	2,678	1,547	4,225	FS2645
FSR 120.24 MT R56	12,000	15,500	5,000	9,000	2,678	1,547	4,225	FS2644*
FSD 140.24 MT R56	14,000	17,500	5,000	9,000	2,630	1,665	4,295	FS2647
FSD 120.24 MT R56	12,000	15,500	5,000	9,000	2,630	1,665	4,295	FS2646*
FSD 140.24 AM R56	14,000	17,500	5,000	9,000	2,650	1,670	4,320	FS2649
FSD 120.24 AM R56	12,000	15,500	5,000	9,000	2,650	1,670	4,320	FS2648*

\*De-rated model code. Dealer should order original model code and request de-rate upon arrival

## Dimensions (mm)

Models	WB	OAL	FOH	ROH	CA	RT	ORT	CH	FFH (Unladen)	RFH (Unladen)	EFH (Unladen)	Turning Circle Kerb to Kerb (m) <sup>5</sup>
FSR 140/120.24 MT/AM D53	5,320	8,620	1,165	2,135	4,764	1,705	2,260	TBC	TBC	TBC	TBC	19.03
FSR 140/120.24 MT/AM R56	5,560	9,150	1,165	2,425	4,664	1,670	2,260	2,602	802	885	922	19.89
FSD 140/120.24 MT/AM R56	5,560	9,150	1,165	2,425	4,664	1,670	2,225	2,602	802	858	883	19.89



Cab Chassis drawing not  
representative of model

# Service & Support



## Dealer Network

Service & Support	National Isuzu Truck Dealer Network and Accredited Service Centres
	<a href="#">Find a Dealer Online</a>

Find your local dealer  
Scan QR Code



## Warranty<sup>#</sup>

Chassis	5 Year Warranty <sup>#</sup>
	300,000 km <sup>#</sup>
Genuine Parts & Accessories	2 Year Warranty or 50,000km <sup>#</sup> (When installed by an Isuzu Trucks Approved Dealership - Including Labor)



<sup>#</sup> Total 5 Year Warranty, including Base Warranty (36 months / 150,000kms) and Additional Warranty (24 months / 150,000kms), cover is 60 months or 300,000kms, whichever comes first. To qualify for Additional Warranty, all scheduled servicing during the Base and Additional Warranty periods (ie. the total 60 months) must be performed by an authorised Isuzu service dealer from the date of delivery to the first customer. If scheduled servicing is performed by unauthorized service providers, only the Base Warranty will apply. Tipper bodies are excluded from Additional Warranty. These are covered by Base Warranty only.

<sup>2</sup> As shown on fuel tank. Volume of fuel that can be added to a near-empty tank will vary according to operating conditions.

<sup>3</sup> Vehicle ratings and axle weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application.

<sup>4</sup> Cab chassis only as supplied and including 100% fuel, 100% AdBlue, tools, and spare wheel (if applicable).

<sup>5</sup> Turning circle dimensions are based on manufacturers calculations and may vary under real-world conditions.

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<sup>^</sup>Advance Driver Assistance Systems are intended to support the driver but are not a replacement for safe driving practices.

\*Smartphone Integration compatible with selected apps and the latest smartphone versions of iOS and Android.Active data service is required for some functionality. For USB connections, a connection cable is sold separately.

NOTE: This specsheets is PRELIMINARY ONLY. Additional specifications will be added at a later date. Existing specifications may change.

