

## FSR 120/140-240



### WEIGHT RATINGS\*

**GVM** 12,000 kg / 14,000 kg  
**GCM** 16,000 kg

### ENGINE

**POWER** 177 kW @ 2,400 rpm  
**TORQUE** 765 Nm @ 1,600 rpm

### TRANSMISSION

6 speed manual transmission (MT)  
6 speed automatic transmission (AMT)

\* Refer to back page for detailed weight rating information

ISUZU CARE	
<b>WARRANTY</b>	6 Year Standard Warranty
	300,000 km / no hours stipulation
<b>ROADSIDE ASSIST</b>	6 Year Roadside Support
	24/7 Unlimited km
<b>HARSH APPLICATION WARRANTY (CONCRETE AGITATOR / GARBAGE COMPACTOR)</b>	3 Year Standard Warranty
	200,000 km / no hours stipulation
	3 Year Roadside Support
	24/7 Unlimited km

SERVICE AGREEMENTS			
OPTIONAL SERVICE PACKAGES	ESSENTIALS	ESSENTIALS PLUS	TOTAL
<b>SCHEDULED SERVICINGS</b>	●	●	●
<b>CONSUMABLES</b>		●	●
<b>ENGINE, TRANSMISSION &amp; DRIVELINE</b>			●
<b>EXTRAS</b>	After-hours Servicing, Glass, Fuel Card, Pickup - Dropoff		

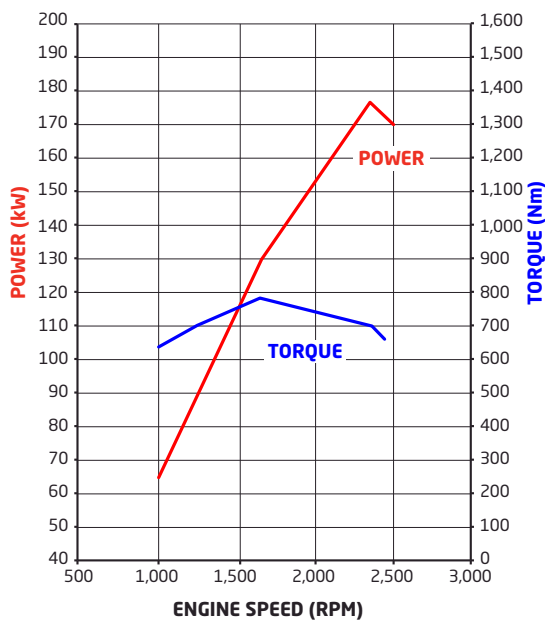
INTELLIGENT SAFETY		
<b>ACTIVE SAFETY ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)</b>	Advanced Emergency Braking	<b>(AEB)</b>
	Forward Collision Warning	<b>(FCW)</b>
	Distance Warning System	<b>(DWS)</b>
	Lane Departure Warning	<b>(LDW)</b>
	Electronic Stability Control	<b>(ESC)</b>
	Anti Skid Regulator	<b>(ASR)</b>
	Anti Lock Braking System	<b>(ABS)</b>
	Hill Start Aid	<b>(HSA)</b>
	Electronic Braking System	<b>(EBS)</b>
	Cab Tilt Warning	<b>(CTW)</b>
<b>PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)</b>	Low light capable reversing camera	
	Driver & front passenger airbags	
	Driver & front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	
	Door mounted cornering lamps	



Subject to the conditions outlined in the IAL New Vehicle Warranty. For further information please visit [isuzu.com.au](http://isuzu.com.au) or contact your local dealer.

ENGINE	
<b>DESCRIPTION</b>	Isuzu N-4HK1-TCH
<b>TYPE</b>	4 cylinder 16 valve SOHC
<b>DISPLACEMENT</b>	5,193 cc
<b>COMPRESSION RATIO</b>	16.5:1
<b>BORE X STROKE</b>	115 mm x 125 mm
<b>POWER</b>	177kW (240PS) @ 2,400 rpm (DIN NET)
<b>TORQUE</b>	765 Nm @ 1,600 rpm (DIN NET)
<b>INDUCTION</b>	Low pressure turbocharger and high pressure Variable Geometry System (VGS) turbocharger sequentially operated and with with air-to air intercooler
<b>FUEL INJECTION</b>	Direct injection high pressure common rail system. Exhaust pipe fuel injection for DPD regeneration
<b>EMISSION CONTROL</b>	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD) . ADR 80/03 (Japan PNLT) compliant.

Isuzu N-4HK1-TCH



TRANSMISSION																
<b>MT</b>	<b>CLUTCH</b>	<b>Type:</b> Single plate with air assisted hydraulic control <b>Clutch plate diameter:</b> 352 mm <b>Clutch lining area:</b> 1,164cm <sup>2</sup>														
	<b>GEARBOX</b>	<b>Description:</b> Isuzu MZW-6P <b>Type:</b> 6 speed with synchromesh on gears 2-6 <b>Ratios:</b> <table border="1"> <thead> <tr> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> <th>6th</th> <th>Rev</th> </tr> </thead> <tbody> <tr> <td>6.615</td> <td>4.095</td> <td>2.358</td> <td>1.531</td> <td>1.000</td> <td>0.722</td> <td>6.615</td> </tr> </tbody> </table>	1st	2nd	3rd	4th	5th	6th	Rev	6.615	4.095	2.358	1.531	1.000	0.722	6.615
		1st	2nd	3rd	4th	5th	6th	Rev								
		6.615	4.095	2.358	1.531	1.000	0.722	6.615								
<b>Power Take Off facility:</b> PTO provision on LHS of transmission case																
<b>Other features:</b> Air assisted shift, full pressure oil lubrication																
<b>AMT</b>	<b>Description:</b> Isuzu MZW-6P <b>Type:</b> 6 speed with both fully automatic and clutchless manual operation modes <b>Ratios:</b> <table border="1"> <thead> <tr> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> <th>6th</th> <th>Rev</th> </tr> </thead> <tbody> <tr> <td>6.615</td> <td>4.095</td> <td>2.358</td> <td>1.531</td> <td>1.000</td> <td>0.722</td> <td>6.615</td> </tr> </tbody> </table>	1st	2nd	3rd	4th	5th	6th	Rev	6.615	4.095	2.358	1.531	1.000	0.722	6.615	
	1st	2nd	3rd	4th	5th	6th	Rev									
	6.615	4.095	2.358	1.531	1.000	0.722	6.615									
	<b>Power Take Off facility:</b> PTO provision on LHS of transmission case. PTO drive from mainshaft gear															
<b>Other features:</b> Integrated automated wet clutch and torque convertor (TC) with lock up																

AXLES	
<b>FRONT</b>	<b>Description:</b> Isuzu F050
	<b>Type:</b> Reverse Elliot I-beam
	<b>Capacity:</b> 5,000 kg
<b>REAR</b>	<b>Description:</b> Isuzu R090
	<b>Type:</b> Single drive
	<b>Capacity:</b> 9,000 kg
	<b>Ratio:</b> 5.125

SUSPENSION	
<b>FRONT</b>	<b>Type:</b> Single stage alloy steel taper-leaf springs
	<b>Other features:</b> Double acting hydraulic shock absorbers. Stabiliser bar.
<b>REAR</b>	<b>Type:</b> Multi-leaf main spring, multi leaf helper spring

BRAKES	
<b>TYPE</b>	Full air dual circuit taper taper roller front and rear drum brakes.
<b>DIAMETER X WIDTH FRONT</b>	370 x 150 mm
<b>DIAMETER X WIDTH REAR</b>	370 x 150 mm
<b>PARK BRAKE</b>	Spring park brake acting on all rear wheels
<b>AUXILIARY BRAKE</b>	Air controlled exhaust brake

STEERING	
<b>TYPE</b>	Power assisted recirculating ball
<b>GEAR RATIO</b>	16.1 - 18.8:1
<b>TURNS LOCK TO LOCK</b>	4.1
<b>WHEEL LOCK ANGLE</b>	44° (inside wheel) / 34° (outside wheel)

WHEELS & TYRES	
<b>FRONT</b>	<b>Wheels:</b> 19.5 x 6.75 eight stud ISO standard steel wheels
	<b>Tyres:</b> 265/70R19.5 140/138M Michelin X Multi Z Tubeless
	<b>Steer axle tyre rating:</b> 5,000 kg
<b>REAR</b>	<b>Wheels:</b> 19.5 x 6.75 eight stud ISO standard steel wheels
	<b>Tyres:</b> 265/70R19.5 140/138M Michelin X Multi Z Tubeless
	<b>Drive axle tyre rating:</b> 9,440 kg
<b>Spare:</b> Spare wheel and tyre assembly supplied. Winch type carrier.	

CHASSIS FRAME	
<b>TYPE</b>	Cold rivetted ladder frame with parallel side rails.
<b>MATERIAL</b>	HT540A steel sidemembers
<b>DIMENSIONS</b>	<b>Side rail (mm):</b> 225 x 70 x 6.0 <b>Rear frame width (mm):</b> 840

FUEL TANK	
<b>TYPE</b>	Frame mounted steel fuel tank
<b>CAPACITY</b>	200L
<b>FUEL CAP</b>	Lockable

ELECTRICAL SYSTEM	
<b>TYPE</b>	24 volt
<b>ALTERNATOR</b>	90 amp
<b>STARTER MOTOR</b>	5.0 kw
<b>BATTERY</b>	2 x 115E41L (651 CCA) batteries connected in series
<b>CAN BUS PROVISION</b>	Underdash CAN system access plug for connection to a Fleet Management System (FMS) (not supplied)

## CABIN SPECIFICATIONS & APPOINTMENTS

CABIN 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>	90° opening internally reinforced front doors
<b>MIRRORS</b>	Heated & powered exterior main mirrors with flat glass and additional independantly adjustable convex "spot" mirrors
<b>WIPERS</b>	Two speed windscreen wipers with intermittent wipe mode
<b>EXTERIOR LIGHTING</b>	LED main beam & halogen high beam headlamp assembly with position lamp
	Roof mounted clearance lamps
	Front foglamps
<b>AUDIBLE WARNING</b>	Reverse alarm
<b>GRILLE</b>	Body coloured
<b>FRONT BUMPER</b>	Body coloured air dam type
<b>SECURITY</b>	Central locking with remote keyless entry & immobiliser

CABIN INTERIOR	
<b>SEATING</b>	Isri 6860/875 NTS air suspension driver's seat
	Front passenger adjustable bucket seat and front centre seat with folding seat back.
<b>SEATBELTS</b>	3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt integrated with driver seat. Centre seat lap belts.
<b>STEERING COLUMN</b>	Tilt/telescopic adjustable
<b>ENTRY ASSIST GRIPS</b>	Door & roof pillar mounted
<b>DOOR WINDOWS</b>	Electric control
<b>STORAGE</b>	Overhead compartments
	Twin cup holders
	Centre console box & storage tray
	Front door pockets
<b>POWER OUTLET</b>	24V cigarette lighter
<b>AIRCONDITIONING</b>	Manual control
<b>INTERIOR LIGHTING</b>	Fluorescent lamp

MYISUZU CO-PILOT AUDIO VISUAL UNIT	
<b>SCREEN TYPE</b>	10.1" 1080p High Definition with capacitive touch
<b>NAVIGATION</b>	Truck tailored GPS based system + live feed traffic alerts and live feed route optimisation via smartphone link (live feed updates are provided for 3 years)
<b>OPERATING SYSTEM</b>	Android Automotive
<b>RADIO</b>	AM/FM/DAB+
<b>INTERNAL STORAGE CAPACITY</b>	32GB
<b>SMARTPHONE INTEGRATION</b>	USB 3.0 socket
	Wi-Fi connectivity
	Android Auto / Apple CarPlay compatible
	Phone storage pocket

DRIVER CONTROLS	
<b>SAFETY SYSTEMS</b>	AEB on/off, DWS on/off/sensitivity adjust, LDW on/off/sensitivity adjust, ESC on/off, HSA on/off/sensitivity adjust
<b>ENGINE</b>	Idle stop system on/off
	Idle speed control
	Cruise control
<b>TRANSMISSION (AMT ONLY)</b>	DPD manual regeneration switch
	Slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
<b>GENERAL CONTROLS</b>	Gear selection control with R-N-D and sequential shift positions
	Headlamp on/off and levelling, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals

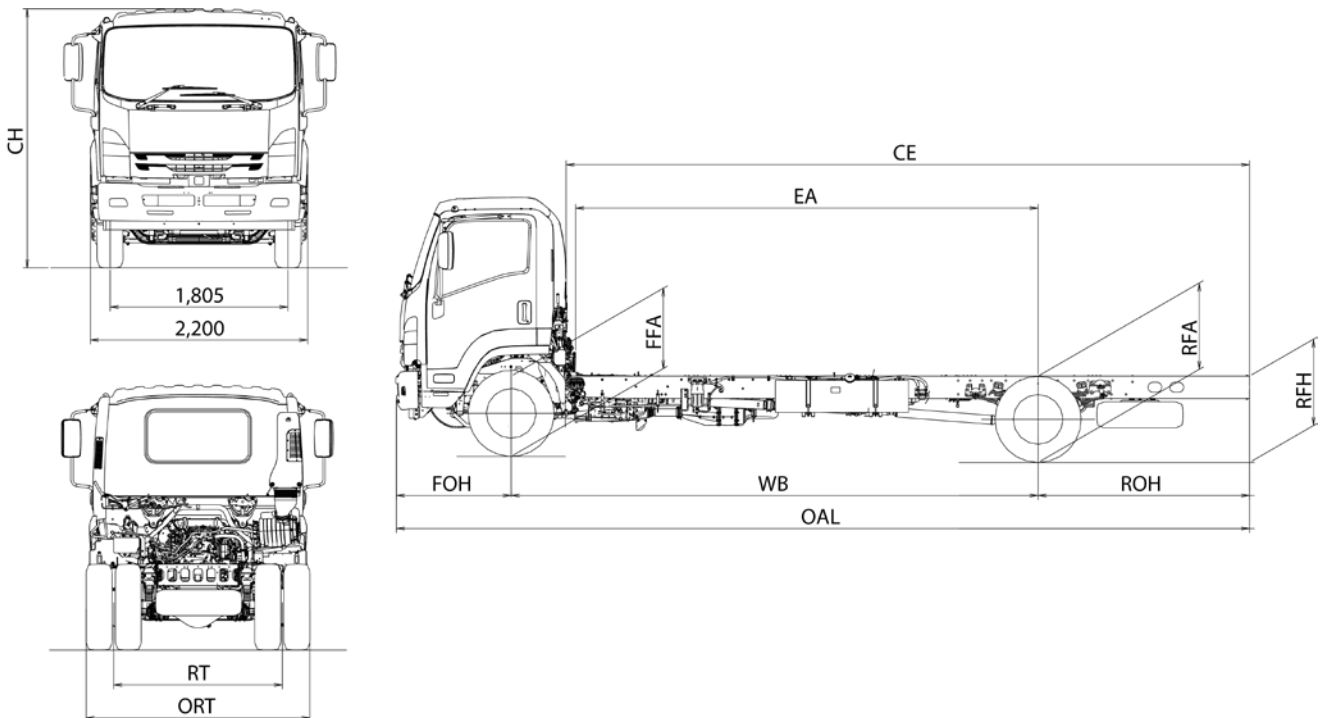
INSTRUMENTATION	
<b>MULTI INFORMATION DISPLAY</b>	AEB, FCW, DWS, LDW systems activation alerts
	CTW indicator
	Low engine oil level alert
	Vehicle systems status
	Low fuel level alert
	Fuel consumption information
	Service interval alerts
	Hourmeter
<b>GENERAL INSTRUMENTATION</b>	Adjustable vehicle speed warning
	Speedometer & tachometer
	Digital odometer with integrated dual tripmeters
	Engine coolant temperature, fuel level and air pressure gauges

WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
<b>FSR 120/140-240 AMT SWB</b>	12,000 / 14,000	16,000	5,000	9,000	2,410	1,340	3,750
<b>FSR 120/140-240 LWB</b>	12,000 / 14,000	16,000	5,000	9,000	2,460	1,380	3,840
<b>FSR 120/140-240 AMT LWB</b>	12,000 / 14,000	16,000	5,000	9,000	2,480	1,390	3,870

\* Vehicle ratings and front/rear 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.

# Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm)													
MODELS	WB	OAL	FOH	ROH	EA	CE	RT	ORT	CH	FFA (unladen)	RFA (unladen)	RFH (unladen)	TURNING CIRCLE KERB TO KERB (m)
<b>FSR 120/140-240 SWB</b>	3,790	6,555	1,170	1,595	3,160	4,830	1,705	2,260	2,665	755	875	935	13.6
<b>FSR 120/140-240 LWB</b>	5,320	8,625	1,170	2,135	4,690	6,900	1,705	2,260	2,665	755	875	920	19.0



PERFORMANCE (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)
<b>FSR 120/140-240</b>	at 12,000 kg GVM	103 km/h @ 2,400 rpm	47%	2,330 rpm
<b>FSR 120/140-240</b>	at 14,000 kg GVM	103 km/h @ 2,400 rpm	40%	2,330 rpm
<b>FSR 120/140-240 AMT</b>	at 12,000 kg GVM	103 km/h @ 2,400 rpm	68%	2,330 rpm
<b>FSR 120/140-240 AMT</b>	at 14,000 kg GVM	103 km/h @ 2,400 rpm	58%	2,330 rpm

\* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

ORDER CODES	
Models	Codes
<b>FSR 120/140-240 AMT SWB</b>	FH-FSRCP-F22
<b>FSR 120/140-240 LWB</b>	FH-FSRCP-D22
<b>FSR 120/140-240 AMT LWB</b>	FH-FSRCP-Z22

Subject to the conditions outlined in the IAL New Vehicle Warranty, Isuzu F series models carry a standard factory warranty which covers the owner for the first 72 months or 300,000km, no hours stipulation. All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer Law including consumer guarantees. Harsh Conditions variations to standard factory warranty may apply. For more details visit the Isuzu website at [www.isuzu.com.au](http://www.isuzu.com.au) which explains Isuzu warranties in more detail, or alternatively contact your local Isuzu Truck dealer. All warranties commence from date of initial delivery.

ISUZU AUSTRALIA LIMITED ABN 97 006 962 572 ("IAL"). The information in this spec sheet was correct at time of printing, but 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 spec 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 spec sheet.