

**FSR 140/120-260**

**FSD 140/120-260**



#### WEIGHT RATINGS\*

<b>GVM</b>	14,000 kg / 12,000 kg
<b>GCM</b>	21,000 kg

#### ENGINE

<b>POWER</b>	191 kW @ 2,400 rpm
<b>TORQUE</b>	761 Nm @ 1,450 - 2400 rpm

#### TRANSMISSION

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

\* 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

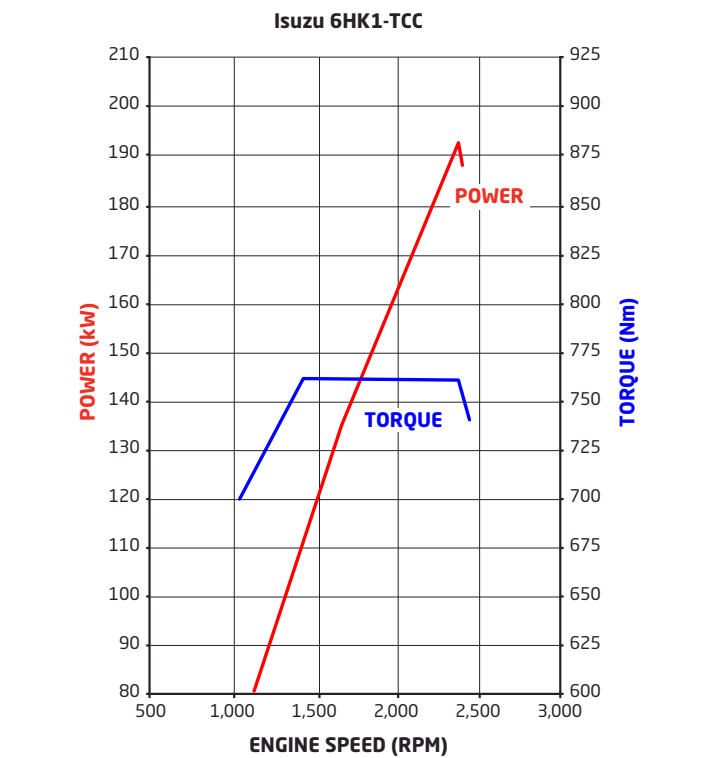
SERVICE AGREEMENTS			
OPTIONAL SERVICE PACKAGES	ESSENTIALS	ESSENTIALS PLUS	TOTAL
<b>SCHEDULED SERVICINGS</b>	●	●	●
<b>CONSUMABLES</b>		●	●
<b>ENGINE, TRANSMISSION &amp; DRIVELINE</b>			●
<b>EXTRAS</b>	After-hours Servicing, Glass, Fuel Card, Pickup - Dropoff		

INTELLIGENT SAFETY		
<b>ACTIVE SAFETY</b>	Anti Lock Braking System	<b>(ABS)</b>
	Anti Skid Regulator - except AT models	<b>(ASR)</b>
	Hill Start Aid - except AT models	<b>(HSA)</b>
	Cab Tilt Warning	<b>(CTW)</b>
	Low light capable reversing camera	
<b>PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)</b>	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	
DESCRIPTION	Isuzu 6HK1-TCC
TYPE	6 cylinder 24 valve SOHC
DISPLACEMENT	7,790 cc
COMPRESSION RATIO	17.5:1
BORE X STROKE	115mm x 125mm
POWER	191kW (260PS) @ 2,400 RPM (DIN NET)
TORQUE	761Nm @ 1,450 RPM - 2,400 RPM (DIN NET)
INDUCTION	Electronically controlled variable nozzle turbocharger with air-to air intercooler.
FUEL INJECTION	Direct injection high pressure common rail system.
EMISSION CONTROL	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (Euro V / EEV) compliant.



TRANSMISSION	
MT	<b>CLUTCH</b>
	Type: Single plate with air assisted hydraulic control
	Clutch plate diameter: 381 mm
	Clutch lining area: 1,363 cm²
	<b>GEARBOX</b>
	Description: Isuzu MZW-6P
	Type: 6 speed with synchromesh on gears 2-6
	Ratios:
	1st 2nd 3rd 4th 5th 6th Rev
	6.615 4.095 2.358 1.531 1.000 0.722 6.615
	Power Take Off facility: PTO provision on LHS of transmission case
	Other features: Air assisted shift, full pressure oil lubrication
AT	<b>DESCRIPTION</b>
	Description: Allison LCT2500
	Type: 6 speed automatic
	Ratios:
	1st 2nd 3rd 4th 5th 6th Rev
	3.51 1.90 1.44 1.00 0.74 0.64 5.09
	Power Take Off facility: LHS and RHS PTO openings on transmission case. Torque convertor turbine driven PTO drive gear.
	Other features: Allison long life TranSynd synthetic fluid

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: MT: 4.555, AT: 5.125

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

BRAKES	
TYPE	Air over hydraulic dual circuit front and rear drum brakes.
DIAMETER X WIDTH FRONT	370 x 150mm
DIAMETER X WIDTH REAR	370 x 150mm
PARK BRAKE	Spring park brake acting on all rear wheels
AUXILIARY BRAKE	Air controlled exhaust brake

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

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

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

FUEL TANK	
TYPE	Frame mounted steel fuel tank
CAPACITY	200L
FUEL CAP	Lockable

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

## CABIN SPECIFICATIONS & APPOINTMENTS

CABIN GENERAL FEATURES	
ENGINE ACCESS	Manual cab tilt to 45° with torsion bar assistance
STEPS	Heavy duty anti slip steps
DOORS	90° opening internally reinforced front doors
MIRRORS	Heated and powered exterior main mirrors with flat glass & additional independantly adjustable convex "spot" mirrors
WIPERS	Two speed windscreen wipers with intermittent wipe mode
EXTERIOR LIGHTING	LED main beam & halogen high beam headlamp assembly with position lamp
	Roof mounted clearance lamps
	Front foglamps
AUDIBLE WARNING	Reverse alarm
GRILLE	Chrome
FRONT BUMPER	Body coloured air dam type
SECURITY	Central locking with remote keyless entry & immobiliser

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

MYISUZU CO-PILOT AUDIO VISUAL UNIT	
SCREEN TYPE	10.1" 1080p High Definition with capacitive touch
OPERATING SYSTEM	Android Automotive
RADIO	AM/FM/DAB+
INTERNAL STORAGE CAPACITY	32GB
SMARTPHONE INTEGRATION	USB 3.0 socket
	Wi-Fi connectivity
	Android Auto / Apple CarPlay compatible
	Phone storage pocket

DRIVER CONTROLS	
SAFETY SYSTEMS	ASR on/off (except AT models), HSA on/off/ sensitivity adjust (except AT models)
ENGINE	Idle speed control
	Cruise control
	DPD manual regeneration switch
TRANSMISSION (AT ONLY)	T-bar gear selection control
GENERAL CONTROLS	Headlamp on/off and levelling, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals

INSTRUMENTATION	
MULTI INFORMATION DISPLAY	CTW indicator
	Low engine oil level alert
	Vehicle systems status
	Low fuel level alert
	Fuel consumption information
	Service interval alerts
	Hourmeter
	Adjustable vehicle speed warning
GENERAL INSTRUMENTATION	Speedometer & tachometer
	Digital odometer with integrated dual tripmeters
	Engine coolant temperature, fuel level and air pressure guages

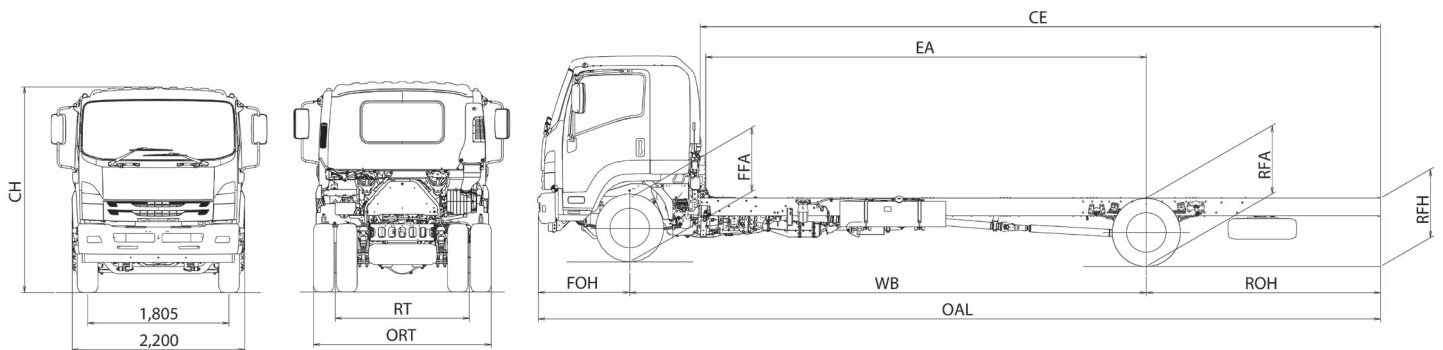
WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
FSR 120-260 AUTO SWB	12,000	21,000**	5,000	9,000	2,480	1,395	3,875
FSR 140/120-260 MWB	14,000/12,000	21,000	5,000	9,000	2,525	1,420	3,945
FSR 140/120-260 AUTO MWB	14,000** /12,000	21,000**	5,000	9,000	2,545	1,415	3,960
FSR 140/120-260 LWB	14,000/12,000	21,000	5,000	9,000	2,560	1,445	4,005
FSR 140/120-260 AUTO LWB	14,000** /12,000	21,000**	5,000	9,000	2,570	1,440	4,010
FSR 140/120-260 XLWB	14,000/12,000	21,000	5,000	9,000	2,615	1,505	4,120
FSR 140/120-260 AUTO XLWB	14,000** /12,000	21,000**	5,000	9,000	2,625	1,500	4,125
FSD 140/120-260 LWB	14,000/12,000	21,000	5,000	9,000	2,550	1,480	4,030
FSD 140/120-260 AUTO LWB	14,000** /12,000	21,000**	5,000	9,000	2,560	1,475	4,035
FSD 140/120-260 AUTO LWB (AW)	14,000** /12,000	21,000**	5,000	9,000	2,540	1,420	3,960

\* 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.

\*\* Pre-approved ratings as stated apply for general transport and distribution applications. For other applications approval from Allison is required. For example, GVM and GCM limits of 12,000kg apply for refuse 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)
FSR 120-260 AUTO SWB	3,790	6,555	1,170	1,595	2,770	4,490	1,705	2,240	2,665	745	885	940	13.6
FSR 140/120-260 MWB	4,660	7,705	1,170	1,875	3,675	5,639	1,705	2,240	2,665	755	885	925	16.7
FSR 140/120-260 LWB	5,560	9,155	1,170	2,425	4,575	7,090	1,705	2,240	2,665	755	885	925	19.9
FSR 140/120-260 XLWB	6,560	10,705	1,170	2,975	5,575	8,640	1,705	2,240	2,665	750	880	935	23.5
FSD 140/120-260 LWB	5,560	9,155	1,170	2,425	4,575	7,090	1,705	2,240	2,665	755	855	890	19.9



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)
FSR/FSD 120-260	at 12,000 kg GVM	116 km/h @ 2,400 RPM	41%	2,070 RPM
FSR/FSD 120-260 AUTO	at 12,000 kg GVM	116 km/h @ 2,400 RPM	39%	2,065 RPM
FSR/FSD 140-260	at 14,000 kg GVM	116 km/h @ 2,400 RPM	35%	2,070 RPM
FSR/FSD 140-260 AUTO	at 14,000 kg GVM	116 km/h @ 2,400 RPM	33%	2,065 RPM

\* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information. Standard 100km/h speed limiter (mandatory on FSR 140-260 models).

ORDER CODES	
Models	Codes
FSR 120-260 AUTO SWB	FH-FSRCG-K22
FSR 140/120-260 MWB	FH-FSRCG-B22
FSR 140/120-260 AUTO MWB	FH-FSRCG-L22
FSR 140/120-260 LWB	FH-FSRCG-D22
FSR 140/120-260 AUTO LWB	FH-FSRCG-N22
FSR 140/120-260 XLWB	FH-FSRCG-E22
FSR 140/120-260 AUTO XLWB	FH-FSRCG-P22
FSD 140/120-260 LWB	FH-FSDCG-D22
FSD 140/120-260 AUTO LWB	FH-FSDCG-N22
FSD 140/120-260 AUTO LWB (AW)	FH-FSDCG-N42

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.

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