

## FSR 140/120-260 TIPPER



### WEIGHT RATINGS\*

GVM	14,000 kg / 12,000 kg
GCM	21,000 kg

### ENGINE

POWER	191 kW @ 2,400 rpm
TORQUE	761 Nm @ 1,450 - 2400 rpm

### TRANSMISSION

6 speed manual transmission (MT)

\* Refer to back page for detailed weight rating information

ISUZU CARE	
<b>WARRANTY</b>	6 Year Standard Warranty
	300,000 km / no hours stipulation
	3 Year / Unlimited km Body Equipment
<b>ROADSIDE ASSIST</b>	6 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		

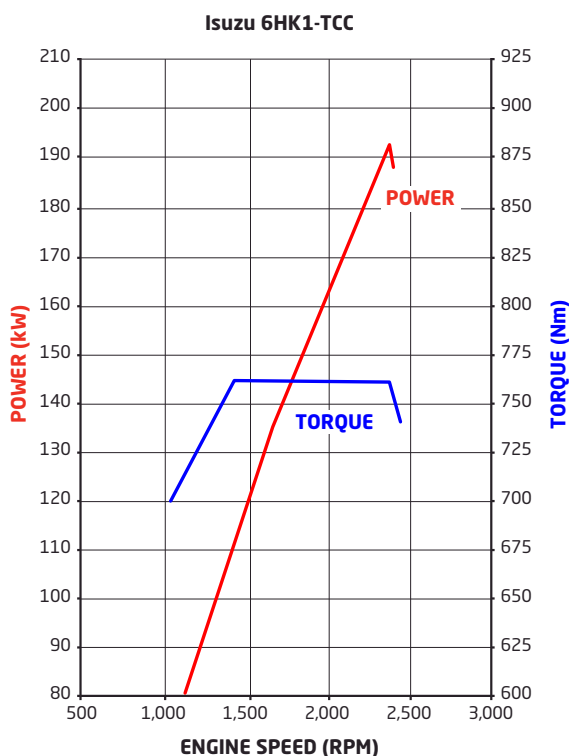


Subject to the conditions outlined in the IAL New Vehicle Warranty. For further information please visit [isuzu.com.au](http://isuzu.com.au) or contact your local dealer.

INTELLIGENT SAFETY		
<b>ACTIVE SAFETY</b>	Anti Lock Braking System	<b>(ABS)</b>
	Anti Skid Regulator	<b>(ASR)</b>
	Hill Start Aid	<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	

READY TO WORK	
<b>STANDARD FEATURES</b>	All steel body. Auto release two-way tailgate
	Auto release body lockdown hook
	Shovel rack. LHS and RHS rope rails. Yellow painted body mounted non-slip side steps and grab handles
	Large capacity secure storage box mounted between cab and tipper body
	20 sec. raise/20 sec. lower time
	Cubic volume: 5.2m <sup>3</sup>
	Deck plate thickness: 6.0mm
	Side/front/tail plate thickness: 3.2mm

ENGINE	
<b>DESCRIPTION</b>	Isuzu 6HK1-TCC
<b>TYPE</b>	6 cylinder 24 valve SOHC
<b>DISPLACEMENT</b>	7,790 cc
<b>COMPRESSION RATIO</b>	17.5:1
<b>BORE X STROKE</b>	115mm x 125mm
<b>POWER</b>	191kW (260PS) @ 2,400 RPM (DIN NET)
<b>TORQUE</b>	761Nm @ 1,450 RPM - 2,400 RPM (DIN NET)
<b>INDUCTION</b>	Electronically controlled variable nozzle turbocharger with air-to air intercooler.
<b>FUEL INJECTION</b>	Direct injection high pressure common rail system.
<b>EMISSION CONTROL</b>	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (Euro V / EEV) compliant.



TRANSMISSION															
<b>MT</b>	<b>CLUTCH</b>	<b>Type:</b> Single plate with air assisted hydraulic control <b>Clutch plate diameter:</b> 381 mm <b>Clutch lining area:</b> 1,363 cm <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" style="display: inline-table; vertical-align: middle;"> <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> <b>Other features:</b> Air assisted shift, full pressure oil lubrication	1st	2nd	3rd	4th	5th	6th	Rev	6.615	4.095	2.358	1.531	1.000	0.722
1st	2nd	3rd	4th	5th	6th	Rev									
6.615	4.095	2.358	1.531	1.000	0.722	6.615									

AXLES		
<b>FRONT</b>	<b>Description:</b>	Isuzu F050
	<b>Type:</b>	Reverse Elliot I-beam
	<b>Capacity:</b>	5,000kg
<b>REAR</b>	<b>Description:</b>	Isuzu R090
	<b>Type:</b>	Single drive
	<b>Capacity:</b>	9,000kg
	<b>Ratio:</b>	4.555

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>	Air over hydraulic dual circuit front and rear drum brakes.
<b>DIAMETER X WIDTH FRONT</b>	370 x 150mm
<b>DIAMETER X WIDTH REAR</b>	370 x 150mm
<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>	5,000kg
<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>	9,440kg
<b>Spare:</b> Spare wheel and tyre assembly supplied.		

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 and powered exterior main mirrors with flat glass & 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>	Chrome
<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 & 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>	Auto 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>OPERATING SYSTEM</b>	Android Automotive
<b>NAVIGATION</b>	Truck tailored GPS based system + Live traffic and map content updates via smartphone link (live feed updates are provided for 3 years)
<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

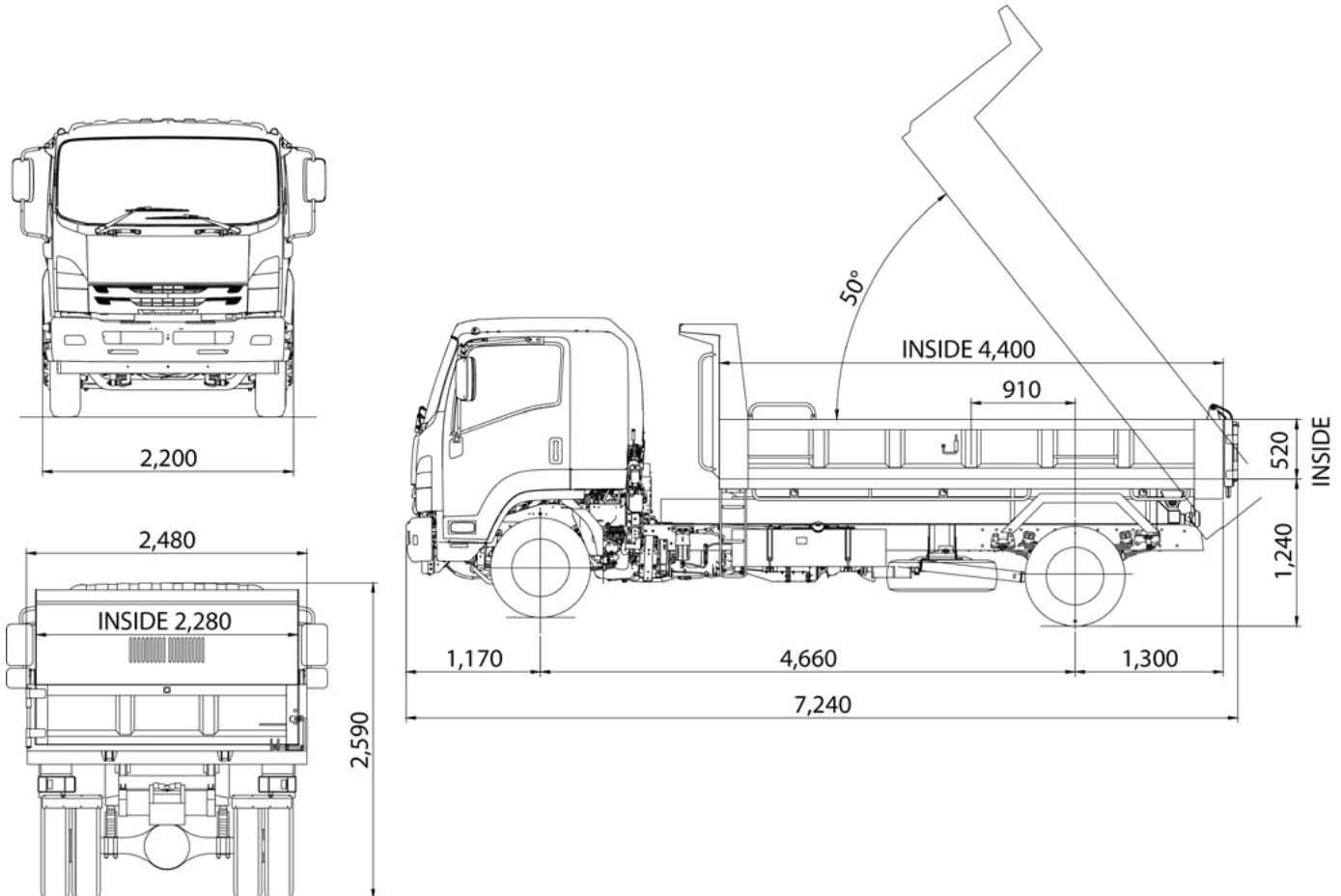
DRIVER CONTROLS	
<b>SAFETY SYSTEMS</b>	ASR on/off, HSA on/off/sensitivity adjust
<b>ENGINE</b>	Idle speed control
	Cruise control
	DPD manual regeneration switch
<b>GENERAL CONTROLS</b>	Headlamp on/off and levelling, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals
	PTO engage switch
	Tip body raise and lower lever with safety release mechanism.

INSTRUMENTATION	
<b>MULTI INFORMATION DISPLAY</b>	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
<b>GENERAL INSTRUMENTATION</b>	PTO engaged indicator
	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)		WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
<b>FSR 140/120-260 TIPPER</b>	14,000 / 12,000	21,000	5,000	9,000	2,940	2,980	5,920

\* 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.

# Vehicle as supplied and including 10 litres of fuel.



Turning Circle (kerb to kerb)
16.7 m

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 120-260</b>	at 12,000kg GVM	116 km/h @ 2,400 RPM	41%	2,070 RPM
<b>FSR 140-260</b>	at 14,000kg GVM	116 km/h @ 2,400 RPM	35%	2,070 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 140/120-260 TIPPER</b>	FH-FSRZG-B22

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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