

## FVZ 240-300 6X4 FVY 240-300 6X4



Truck images shown may vary from actual model specification - Contact Isuzu for further details

### WEIGHT RATINGS\*

<b>GVM</b>	24,000 kg
<b>GCM</b>	36,000 kg

### ENGINE

<b>POWER</b>	221 kW @ 2,400 rpm
<b>TORQUE</b>	981 Nm @ 1,450 rpm

### TRANSMISSION

9 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
	500,000 km / 8,000 Engine Hours
<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

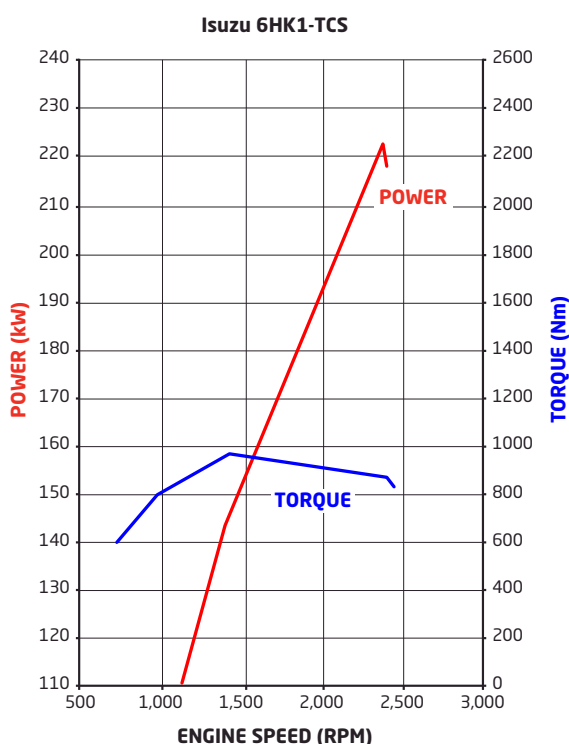
SERVICE AGREEMENTS			
OPTIONAL SERVICE PACKAGES	ESSENTIALS	ESSENTIALS PLUS	TOTAL
<b>SCHEDULED SERVICINGS</b>	●	●	●
<b>CONSUMABLES</b>		●	●
<b>ENGINE, TRANSMISSION &amp; DRIVELINE</b>			●
<b>EXTRAS</b>	After-hours Servicing, Glass, Fuel Card, Pickup - Dropoff		

INTELLIGENT SAFETY		
<b>ACTIVE SAFETY</b>	Electronic Stability Control	<b>(ESC)</b>
	Anti Lock Braking System	<b>(ABS)</b>
	Anti Skid Regulator	<b>(ASR)</b>
	Electronic Braking System	<b>(EBS)</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	
<b>DESCRIPTION</b>	Isuzu 6HK1-TCS
<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>	221kW (300PS) @ 2,400 RPM (DIN NET)
<b>TORQUE</b>	981Nm @ 1,450 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> ZF 9S 1110 TO <b>Type:</b> 9 speed with synchromesh on gears 1-8 <b>Ratios:</b> <b>Crawler 1st 2nd 3rd 4th 5th 6th 7th 8th Rev</b> 9.48 6.58 4.68 3.48 2.62 1.89 1.35 1.00 0.75 8.97 <b>Power Take Off facility:</b> Provision at rear of transmission case <b>Other features:</b> Repeat 'H' shift pattern
		<b>Description:</b> Allison 3500 <b>Type:</b> 6 speed automatic <b>Ratios:</b> <b>1st 2nd 3rd 4th 5th 6th Rev</b> 4.59 2.25 1.54 1.00 0.75 0.65 5.00 <b>Power Take Off facility:</b> LHS and top openings on transmission bellhousing. Engine driven PTO drive gear. <b>Other features:</b> 5th generation electronic controls with adaptive shift. Long life TranSynd synthetic fluid.
		<b>AT</b>

AXLES	
<b>FRONT</b>	<b>Description:</b> Meritor FG941
	<b>Type:</b> Reverse Elliot I-beam
	<b>Capacity:</b> 6,600 kg
<b>REAR</b>	<b>Description:</b> Meritor MT40-144GP (MT models) Meritor MT44-144GP (AT models)
	<b>Type:</b> Tandem drive
	<b>Other Features:</b> Inter-axle lock & cross locks fitted to both axles
	<b>Capacity:</b> 20,000 kg
	<b>Ratio:</b> MT: 6.142, AT: 6.428

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>FVZ</b> <b>Type:</b> Multi-leaf springs with Isuzu 6 rod and trunnion location system
	<b>FVY</b> <b>Description:</b> Hendrickson HAS460 <b>Type:</b> Airbag <b>Capacity:</b> 18,100 kg at ground

BRAKES	
<b>DESCRIPTION</b>	Meritor 'Q-Plus'
<b>TYPE</b>	Full air 'S-Cam' front & rear drum brakes
<b>DIAMETER X WIDTH FRONT</b>	419 x 127 mm
<b>DIAMETER X WIDTH REAR</b>	419 x 178 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>	22.4:1
<b>TURNS LOCK TO LOCK</b>	5.4
<b>WHEEL LOCK ANGLE</b>	45° (inside wheel) / 35° (outside wheel)

WHEELS & TYRES	
<b>FRONT</b>	<b>Wheels:</b> 22.5 x 8.25 ten stud ISO standard steel wheels (except FVY AUTO MWB) 22.5 x 8.25 ten stud ISO standard polished Alcoa aluminium wheels (FVY AUTO MWB)
	<b>Tyres:</b> 295/80R22.5 152/148M Michelin X Multi Z Tubeless
	<b>Steer axle tyre rating:</b> 7,100 kg
<b>REAR</b>	<b>Wheels:</b> 22.5 x 8.25 ten stud ISO standard steel wheels (except FVY AUTO MWB) 22.5 x 8.25 ten stud ISO standard polished Alcoa aluminium wheels (FVY AUTO MWB)
	<b>Tyres:</b> 11R22.5 148/145L Michelin X Multi D Tubeless
	<b>Tandem axle tyre rating:</b> 23,200 kg
<b>Spare:</b> Spare wheel and X Multi Z tyre assembly supplied. Winch type carrier (except FVZ MWB and FVY MWB).	

CHASSIS FRAME	
<b>TYPE</b>	Cold rivetted ladder frame with parallel side rails.
<b>MATERIAL</b>	<b>MWB / MLWB:</b> HT540A <b>LWB:</b> SAPH440
<b>DIMENSIONS</b>	<b>MWB / MLWB:</b> Side rail (mm): 254 x 85 x 8.0 Rear frame width (mm): 850 <b>LWB:</b> Side rail (mm): 258 x 85 x 10.0 Rear frame width (mm): 850

FUEL TANK	
<b>TYPE</b>	Frame mounted steel fuel tank (except FVZ LWB & FVY LWB models with MT) Frame mounted aluminium fuel tank (FVZ LWB & FVY LWB models with MT)
<b>CAPACITY</b>	200L (except FVZ LWB & FVY LWB models with MT) 400L (FVZ LWB & FVY LWB models with MT)
<b>FUEL CAP</b>	Lockable

## CABIN SPECIFICATIONS & APPOINTMENTS

CABIN GENERAL FEATURES	
<b>ENGINE ACCESS</b>	Electro-hydraulic cab tilt
<b>CAB MOUNTING</b>	Rear coil spring suspension with hydraulic shock absorbers
<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 and 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
<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
<b>REAR COMPARTMENT</b>	ADR 42 compliant sleeper with mattress

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)

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 with wireless charging facility

DRIVER CONTROLS	
<b>SAFETY SYSTEMS</b>	ESC on/off, HSA on/off/sensitivity adjust (except AT models)
<b>ENGINE</b>	Idle speed control Cruise control DPD manual regeneration switch
<b>TRANSMISSION (AT ONLY)</b>	Pushbutton gear selection control
<b>GENERAL CONTROLS</b>	Headlamp on/off and levelling, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals Inter-axle and cross lock engage switches

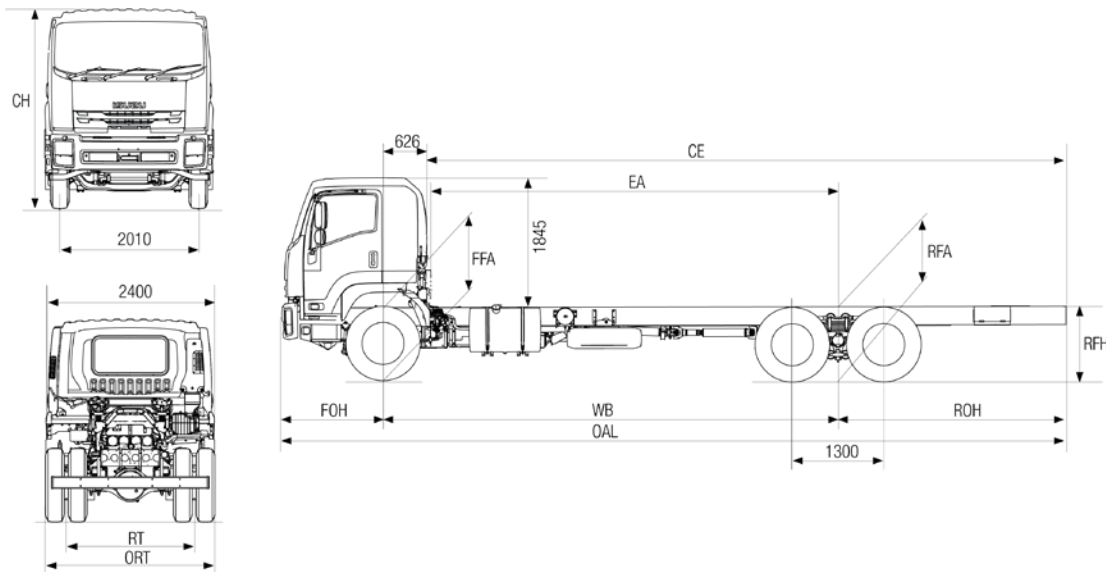
INSTRUMENTATION	
<b>MULTI INFORMATION DISPLAY</b>	CTW indicator Low engine oil level alert Vehicle systems status Low fuel level alert Fuel consumption information Service interval alerts Hourmeter Adjustable vehicle speed warning
<b>GENERAL INSTRUMENTATION</b>	Speedometer & tachometer Digital odometer 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
FVZ 240-300 MWB	24,000	36,000	6,600	20,000	3,290	3,395	6,685
FVZ 240-300 AUTO MWB	24,000	36,000	6,600	20,000	3,370	3,405	6,775
FVZ 240-300 AUTO MLWB	24,000	36,000	6,600	20,000	3,475	3,440	6,915
FVZ 240-300 LWB	24,000	36,000	6,600	20,000	3,545	3,640	7,185
FVY 240-300 AUTO MWB (AW)	24,000	36,000	6,600	18,100	3,425	3,085	6,510
FVY 240-300 LWB	24,000	36,000	6,600	18,100	3,545	3,440	6,985
FVY 240-300 AUTO LWB	24,000	36,000	6,600	18,100	3,595	3,420	7,015

\* 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)
FVZ 240-300 MWB / AUTO MWB	4,410	7,605	1,440	1,755	3,710	5,540	1,840	2,445	2,850	1,000	1,075	1,090	15.4
FVZ 240-300 AUTO MLWB	5,300	9,180	1,440	2,440	4,600	7,115	1,840	2,445	2,850	1,000	1,075	1,080	18.5
FVZ 240-300 LWB	6,470	11,150	1,440	3,240	5,770	9,085	1,840	2,445	2,850	1,000	1,065	1,095	22.6
FVY 240-300 AUTO MWB	4,410	7,605	1,440	1,755	3,710	5,540	1,840	2,445	2,810	1,000	1,015	1,015	15.4
FVY 240-300 LWB / AUTO LWB	6,470	11,150	1,440	3,240	5,770	9,085	1,840	2,445	2,850	1,000	1,020	1,025	22.6



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)
FVZ/FVY 240-300	at 24,000 kg GVM	101 km/h @ 2,400 rpm	41%	2,380 rpm
FVZ/FVY 240-300 AUTO	at 24,000 kg GVM	111 km/h @ 2,400 rpm	41%	2,160 rpm

\* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information. Vehicle is speed limited to 100km/h.

ORDER CODES	
Models	Codes
FVZ 240-300 MWB	FH-FVZJZ-B22
FVZ 240-300 AUTO MWB	FH-FVZJZ-L22
FVZ 240-300 AUTO MLWB	FH-FVZJZ-M22
FVZ 240-300 LWB	FH-FVZJZ-D22
FVY 240-300 AUTO MWB (AW)	FH-FVYJZ-L22
FVY 240-300 LWB	FH-FVYJZ-D22
FVY 240-300 AUTO LWB	FH-FVYJZ-N22

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 500,000 kilometres or 8,000 Engine Hours (whichever comes first). 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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