

## FSR 700/650 240 LWB



### 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

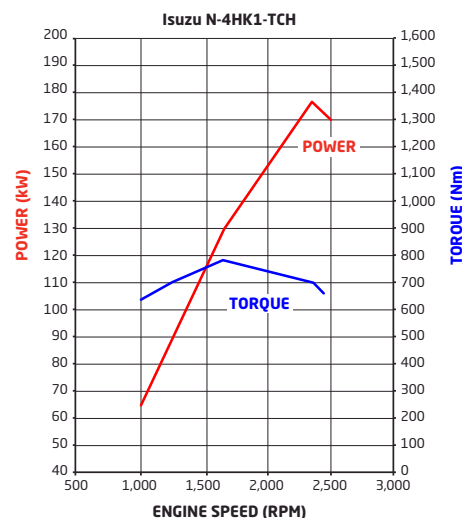
6 speed manual transmission (MT)  
 6 speed automatic transmission (AMT)

\* Refer to back page for detailed weight rating information

INTELLIGENT SAFETY		
<b>ACTIVE SAFETY</b> ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)	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</b> CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Driver & front passenger airbags	
	Driver & front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	

ISUZU WARRANTY COVER	
<b>WARRANTY</b>	5 year / 300,000 km Warranty#

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>	177 kW (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.



TRANSMISSION								
MT	CLUTCH	<b>Type:</b> Single plate with air assisted hydraulic control						
		<b>Clutch plate diameter:</b> 352 mm						
		<b>Clutch lining area:</b> 1,164 cm <sup>2</sup>						
	GEARBOX	<b>Description:</b> Isuzu MZW-6P						
<b>Type:</b> 6 speed with synchromesh on gears 2-6								
<b>Ratios:</b>								
<b>1st</b>		<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>6th</b>	<b>Rev</b>	
	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								
AMT	<b>Description:</b> Isuzu MZW-6P							
	<b>Type:</b> 6 speed with both fully automatic and clutchless manual operation modes							
	<b>Ratios:</b>							
	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>6th</b>	<b>Rev</b>	
		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	
FRONT	<b>Description:</b> Isuzu F050
	<b>Type:</b> Reverse Elliot I-beam
	<b>Capacity:</b> 5,000 kg
REAR	<b>Description:</b> Isuzu R090
	<b>Type:</b> Single drive
	<b>Capacity:</b> 9,000 kg
	<b>Ratio:</b> 5.571

SUSPENSION	
FRONT	<b>Type:</b> Single stage alloy steel taper-leaf springs
	<b>Other features:</b> Double acting hydraulic shock absorbers. Stabiliser bar.
REAR	<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		
FRONT	<b>Wheels:</b>	19.5 x 6.75 eight stud ISO standard steel wheels
	<b>Tyres:</b>	265/70R19.5 140/138M
	<b>Steer axle tyre rating</b>	5,000 kg
REAR	<b>Wheels:</b>	19.5 x 6.75 eight stud ISO standard steel wheels
	<b>Tyres:</b>	265/70R19.5 140/138M
	<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 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

AUDIO VISUAL UNIT	
<b>SCREEN TYPE</b>	6.2" LCD with capacitive touch
<b>OPERATING SYSTEM</b>	Android
<b>RADIO</b>	AM / FM
<b>INTERNAL STORAGE CAPACITY</b>	32GB
<b>OTHER CAPABILITY</b>	Bluetooth features. USB 3.0 socket. Provision for external camera inputs, navigation, reverse sensors, and tyre pressure monitoring.

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
	DPD manual regeneration switch
<b>TRANSMISSION (AMT ONLY)</b>	Slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
	Gear selection control with R-N-D and sequential shift positions
<b>GENERAL CONTROLS</b>	Headlamp on/off and levelling, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals

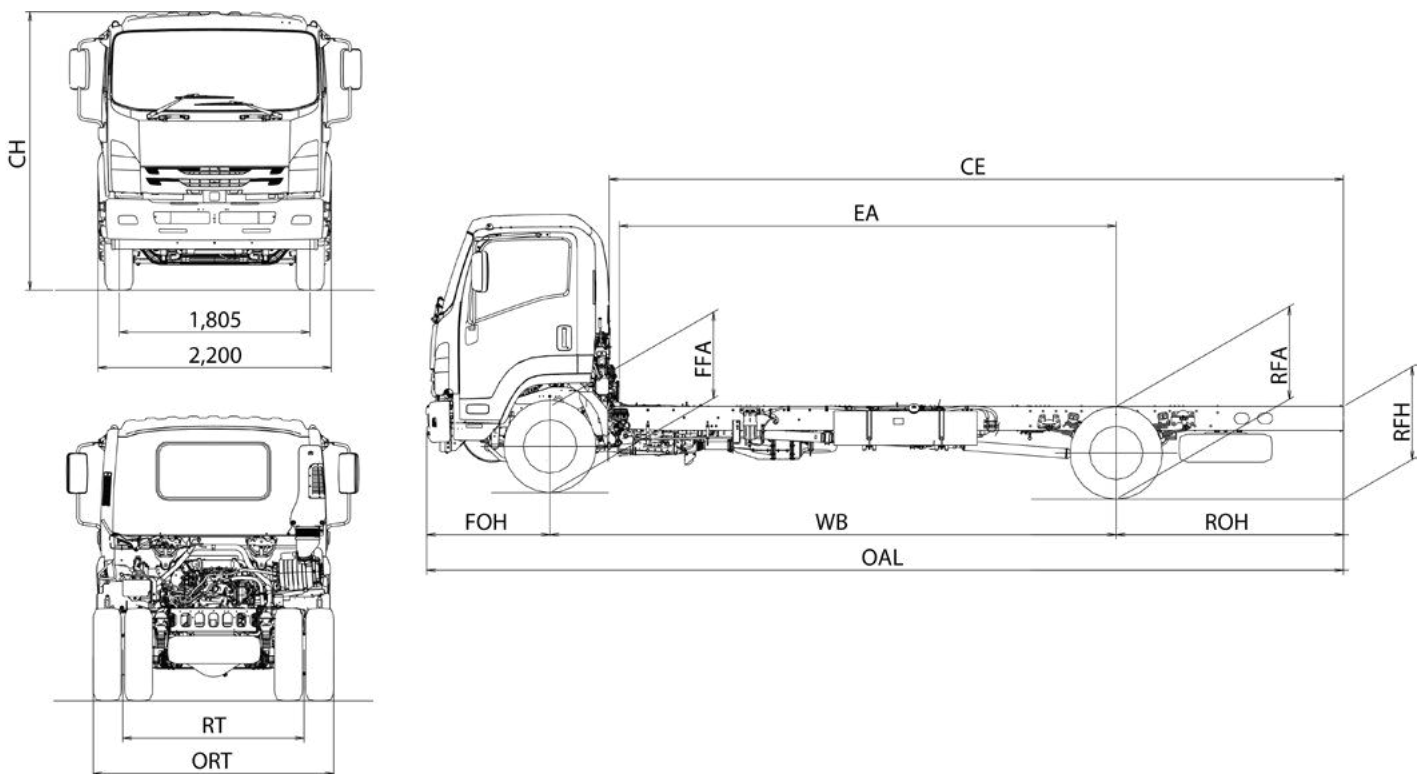
INSTRUMENTATION	
<b>MULTI INFORMATION DISPLAY</b>	AEB, FCW, DWS, LDW systems activation alerts
	CTW indicator
	Low engine oil level alert
	Vehicle systems status
	Low fuel level alert
	Fuel consumption information
	Service interval alerts
	Hourmeter
<b>GENERAL INSTRUMENTATION</b>	Adjustable vehicle speed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

WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
<b>FSR 700/650 240 LWB</b>	14,000 / 12,000	16,000**	5,000	8,200	2,460	1,380	3,840
<b>FSR 700/650 240 AMT LWB</b>	14,000 / 12,000	16,000**	5,000	8,200	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.

\*\* Max towed mass 3,500kg

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 700 240 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 90 km/h)
<b>FSR 700 240 LWB</b>	at 14,000 kg GVM	95 km/h @ 2,400 rpm	43%	2,263 rpm
<b>FSR 700 240 AMT LWB</b>	at 14,000 kg GVM	95 km/h @ 2,400 rpm	53%	2,263 rpm
<b>FSR 650 240 LWB</b>	at 12,000 kg GVM	95 km/h @ 2,400 rpm	51%	2,263 rpm
<b>FSR 650 240 AMT LWB</b>	at 12,000 kg GVM	95 km/h @ 2,400 rpm	62%	2,263 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 700 240 LWB</b>	FS2222
<b>FSR 650 240 LWB</b>	FS2722
<b>FSR 700 240 AMT LWB</b>	FS2322
<b>FSR 650 240 AMT LWB</b>	FS2822

#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.

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