



## FSS 550P 4X4 FSS 550 4X4 CREW



**WEIGHT RATINGS\*** 

GVM 11,000 kg GCM 16,000 kg ENGINE

POWER 154 kW @ 2,400 rpm
TORQUE 726 Nm @ 1,600 rpm

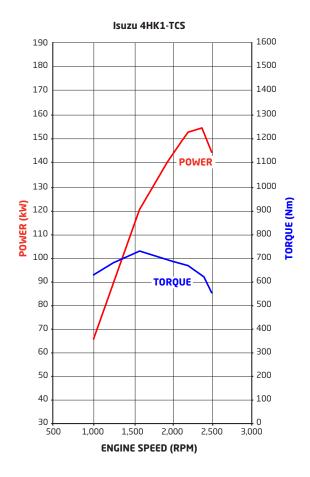
TRANSMISSION

6 speed manual transmission (MT)

\* Refer to back page for detailed weight rating information

ENGINE	
DESCRIPTION	Isuzu N-4HK1-TCS
TYPE	4 cylinder 16 valve SOHC
DISPLACEMENT	5,193 cc
COMPRESSION RATIO	16.5:1
BORE X STROKE	115 mm x 125 mm
POWER	154 kW (210PS) @ 2,400 RPM (DIN NET)
TORQUE	726 Nm @ 1,600 RPM (DIN NET)
INDUCTION	Low pressure turbocharger and high pressure Variable Geometry System (VGS) turbocharger sequentially operated and with with air-to air intercooler.
FUEL INJECTION	Direct injection high pressure common rail system. Exhaust pipe fuel injection for DPD regeneration.
EMISSION CONTROL	Cooled EGR with exhaust Diesel Particulate Diffuser (DPD) . ADR 80/03 (Japan PNLT) compliant.
ENGINE DRIVEN PTO (OPTION CREW CAB)	Constant mesh. Rotates at 0.7 x engine speed. 353 Nm maximum output torque, anti-clockwise from the rear.

INTELLIGENT SAFETY			
ACTIVE SAFETY	Anti Lock Braking System (active in high range)	(ABS)	
	Hill Start Aid	(HSA)	
	Cab Tilt Warning	(CTW)	
PASSIVE SAFETY	Driver & front passenger airbags		
CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Driver & front left hand passenger seatbelt pretensioners		
	ECE-R29 cab with side anti-intrusion beams	5	



ISUZU WARRANTY COVER	
WARRANTY	3 year / 150,000 km Warranty#

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TRANSMISSION								
		Type: S	ingle plat	te with ai	r assisted	hydraulio	control	
	CLUTCH	Clutch	olate dia	meter: 3	52 mm			
		Clutch lining area: 1,164 cm <sup>2</sup>						
		Description: Isuzu MZW-6P						
мт		Type: 6 speed with synchromesh on gears 2-6						
		Ratios:						
	GEARBOX	<b>1st</b> 6.615		<b>3rd</b> 2.358		<b>5th</b> 1.000	• • • • • • • • • • • • • • • • • • • •	<b>Rev</b> 6.615
	Power Take Off facility: PTO provision on LHS of transmission case							
		Other features: Air assisted shift, full pressure oil lubrication						
	Description: Isuzu TF036							
	RANSFER EARBOX	Type: P	art time	4WD				
		<b>Ratio:</b> High: 1.00, Low: 2.091						

AXLES		
	Description:	Isuzu FD039
	Туре:	Single drive with Birfield outer joints
FRONT	Other features:	Permanently engaged front hubs
	Capacity:	3,900 kg
	Ratio	6.500
	Description:	Isuzu R077
	Туре:	Single drive
REAR	Other features:	"No Spin" differential lock
	Capacity:	7,700 kg
	Ratio:	6.500

SUSPENSION		
CDONT	Туре:	Single stage alloy steel multi-leaf springs
FRONT	Other features:	Double acting hydraulic shock absorbers.
REAR	Туре:	Multi-leaf main spring, multi leaf helper spring

BRAKES	
TYPE	Air over hydraulic dual circuit front and rear drum brakes.
DIAMETER X WIDTH FRONT	400 x 115 mm
DIAMETER X WIDTH REAR	410 x 115 mm
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	2.8
WHEEL LOCK ANGLE	36° (inside wheel) / 30° (outside wheel)

WHEELS & TYRES			
FRONT	Wheels:	22.5 x 6.75 eight stud steel wheels	
	Tyres:	9R22.5 136/134L Toyo M608z Tubeless	
	Steer axle tyre rating	4,480 kg	
REAR	Wheels:	22.5 x 6.75 eight stud steel wheels	
	Tyres:	9R22.5 136/134L Toyo M608z Tubeless	
	Drive axle tyre rating:	8,480 kg	
<b>Spare:</b> Spare wheel and tyre assembly supplied. Winch type carrier			

CHASSIS FRAME	
TYPE	Cold rivetted ladder frame with parallel side rails.
MATERIAL	SAPH440 steel sidemembers
DIMENSIONS	Side rail (mm): $229 \times 71 \times 8.0$ 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	Single cab: 2 x 115E41L (651 CCA) batteries connected in series Crew cab: 2 x 80D26L (630 CCA) batteries connected in series	
CAN BUS PROVISION	Underdash CAN system access plug for connection to a Fleet Management System (FMS) (not supplied).	

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CABIN GENERAL FEATURES					
ENGINE ACCESS	Single cab: Manual cab tilt to 45° with torsion bar assistance Crew cab: Electro-hydraulic cab tilt				
STEPS	Heavy duty anti slip steps				
DOORS	90° opening internally reinforced front doors				
MIRRORS	Heated and powered exterior main mirrors with flat glass & additional independently adjustable convex "spot" mirrors				
WIPERS	Two speed windscreen wipers with intermittent wipe mode				
EXTERIOR LIGHTING	Halogen main beam and halogen high beam headlamp assembly				
	Roof mounted clearance lamps				
AUDIBLE WARNING	Reverse alarm				
GRILLE	Body coloured				
FRONT BUMPER	Body coloured				
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 and front centre seat with folding seat back.				
	Crew cab: Rear bench seat with 4 seat capacity				
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				
	Overhead compartments				
STORAGE	Twin cup holders				
STORAGE	Centre console box & storage tray				
	Front door pockets				
POWER OUTLET	24V cigarette lighter				
AIRCONDITIONING	Manual control				
INTERIOR LIGHTING	Fluorescent lamp				

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

DRIVER CONTROLS					
SAFETY SYSTEMS	HSA on/off/sensitivity adjust				
	Idle speed control				
ENGINE	Cruise control				
	DPD manual regeneration switch				
GENERAL CONTROLS	Headlamp on/off, windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals, high/low range and 4WD engage switches				

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

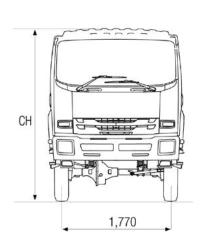
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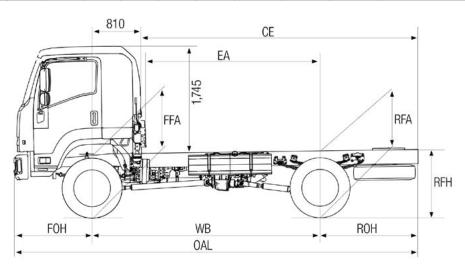


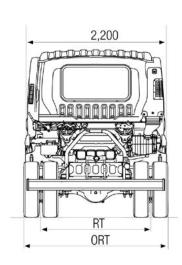
WEIGHTS (kg)							
Manage	RATI	NGS*	LOADING LIMI	T* (at ground)	CAB CHASSIS WEIGHT #		
MODELS	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
FSS 550P 4X4	11,000	16,000	3,900	7,700	2,745	1,505	4,250
FSS 550 4X4 CREW	11,000	16,000	3,900	7,700	2,955	1,550	4,505

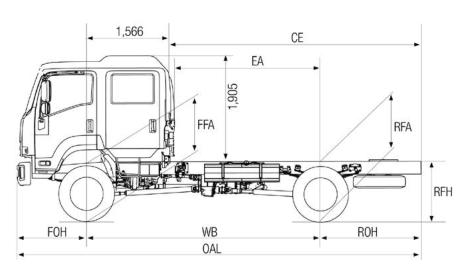
<sup>\*</sup>Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application. #Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm)													
MODELS	WB	OAL	FOH	ROH	EA	CE	RT	ORT	СН	FFA (unladen)	RFA (unladen)	RFH (unladen)	TURNING CIRCLE KERB TO KERB (m)
FSS 550P	3,700	6,555	1,255	1,600	2,800	4,490	1,702	2,220	2,770	985	1,110	1,150	14.8
FSS 550 CREW	4,200	7,255	1,255	1,800	2,575	4,498	1,702	2,220	2,880	980	1,110	1,145	16.8









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)		
FSS 550 4X4	at 11,000 kg GVM	91 km/h @ 2,400 rpm	> 100%	2,366 rpm		

<sup>\*</sup> 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			
FSS 550P 4X4	FS0922			
FSS 550 4X4 CREW	FS1922			
FSS 550 4X4 CREW PTO	FS2622			

# 3 Year Warranty (36 months / 150,000kms) cover is 36 months or 150,000kms, whichever comes first. Cab Perforation Corrosion is limited to 36 months / unlimited kms on all models.

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