

ISUZU

SPECIFICATIONS

FSS 550 4x4

FSS 550 4x4 Crew



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FSS 550

AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

AT A GLANCE

GVM	10,000 kg
GCM	15,000 kg
Power	151 kW @ 2,600 rpm
Torque	637 Nm @ 1,600

ADVANCED TECHNOLOGY

Emissions: Euro V / ADR 80/03	90 amp alternator
Meets EEV emissions standard	Cruise control
Driver airbag with seatbelt pretensioner	Isri 6860 seat with integrated seatbelt
ADR42 compliant sleeper - except crew	Electric mirrors
ECE-R29 compliant cab	



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one

ISUZU
RELIABILITY IS EVERYTHING

FSS 4x4 Standard | PTO | Crew | Crew PTO

DRIVELINE AND CHASSIS SPECIFICATIONS

ENGINE SITEC SERIES III 205 (ISUZU 4HK1-TCS)

Type: 4 cylinder 16 valve SOHC

Displacement: 5,193 cc

Compression Ratio: 17.5:1

Bore x Stroke: 115 x 125 mm

Max power (DIN-NET): 151 kW (202 HP) @ 2,600 RPM
(JIS Gross): 157 kW (211 HP) @ 2,600 RPM

Max torque (DIN-NET): 637 Nm (470 lb.ft) @ 1,600 RPM
(JIS Gross): 659 Nm (486 lb.ft) @ 1,600 RPM

Induction system: Electronically controlled variable nozzle turbocharger with air-to-air intercooler.

Fuel injection: Direct injection high pressure common rail system.

Emission control system: Cooled EGR with exhaust Diesel Particulate Dif-fuser (DPD). ADR 80/03 (Euro V) compliant. EEV compliant.

ENGINE DRIVEN PTO (PTO models only):

- Constant mesh. Rotates at 0.7 x engine speed.
- 353 Nm maximum output torque.
- Anti-clockwise rotation when viewed from rear of engine.

CLUTCH

- Air assisted hydraulic control. Single plate 352 mm diameter.
- Total lining area: 1,164 cm²

TRANSMISSION

ISUZU MZW-6P

- 6 speed manual with air assisted shift.
- Synchronesh on gears 2-6. Triple cone synchronesh on 2nd and 3rd gears. Integral oil pump provides full pressure lubrication.
- PTO provision on LHS of transmission case. PTO drive from mainshaft gear.
- Gear ratios (:1)

1st	2nd	3rd	4th	5th	6th	Rev
6.615	4.095	2.358	1.531	1.000	0.722	6.615

Transfer Gearbox: ISUZU TF036

- Part time 4WD.
- High ratio 1.00:1, low ratio 2.091:1

AXLES

Front: Isuzu FD039

- Full floating Banjo type. Birfield outer joints and permanently engaged hubs. 3,900 kg capacity.

• Drive ratio: 6.500:1

Rear: Isuzu R077

- Full floating Banjo type. 'No-spin' differential lock. 7,700 kg capacity.
- Drive ratio: 6.500:1

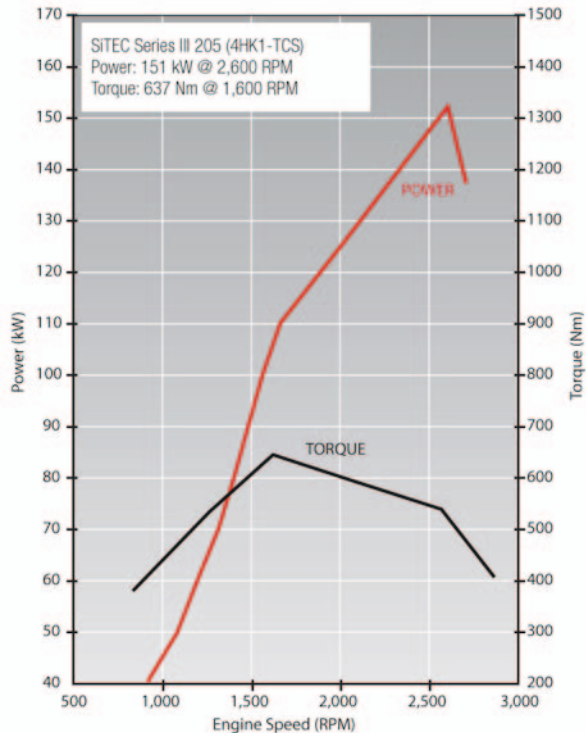
SUSPENSION

Front:

- Single stage alloy steel multi leaf springs.
- Double acting hydraulic shock absorbers.

Rear:

- Multi leaf main spring, multi leaf helper spring.



BRAKES

- Dual circuit air over hydraulic front and rear drum brakes.
- Front drum size: 400 x 115 mm
- Rear drum size: 410 x 115 mm
- Spring park brake.
- Air controlled exhaust brake.
- Air dryer.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 16:1 - 18.8:1
- Turns lock to lock: 2.8
- Maximum angle: 36° (inside wheel) / 30° (outside wheel)

WHEELS AND TYRES

- 22.5 x 6.75 eight stud steel wheels.
- 9R22.5 TL 133/131K Michelin XZY Tubeless.
- Maximum tyre rating:
 - Front axle: 4,120 kg
 - Rear axle: 7,800 kg
- Spare wheel and tyre assembly with winch type carrier.

CHASSIS FRAME

- Cold rivetted ladder frame with parallel side rails. SAPH440 weldable steel sidemembers.
- Frame dimensions:
 - Side rail (mm): 229 x 71 x 8.0
 - Rear frame width (mm): 840

FUEL TANK

- Frame mounted 200L steel fuel tank.
- Lockable fuel cap.

ELECTRICAL SYSTEM

- 24 volt electrical system.
- 90 amp alternator.
- 24 Volt, 4.5 kW starter motor.
- **Single cab:** 2 x 115E41L (651 CCA) batteries connected in series.
- **Crew cab:** 2 x 80D26L (630 CCA) batteries connected in series.

CABIN SPECIFICATIONS AND APPOINTMENTS

CAB EXTERIOR

- All steel construction. High tensile steel used for cab underframe.
 - Single cab:** Manual cab tilt to 45° with torsion bar assistance.
 - Crew cab:** Electro-hydraulic cab tilt.
- Complies with ECE-R29 cab strength standard.
- **Single cab:** Liquid filled front and rear cab mounts.
 - Crew cab:** Rubber cab mounts.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced front doors.
- Water spray suppression guards and front mudflaps.
- Laminated windscreen with shade band.
- Two speed windscreen wipers, with intermittent wipe mode.
- Halogen multi-reflector headlamps. Front panel mounted turn signals. Additional door mounted side indicator lamps.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- Heated and powered exterior main mirrors with flat glass and additional powered convex "spot" mirrors.
- Body coloured grille.
- Body coloured steel air dam bumper.

CAB INTERIOR

- Isri 6860 air suspension driver's seat with pneumatic lumbar support, height, rake and automatic weight adjustment.
- Front passenger adjustable bucket seat and front centre seat with folding seat back.
- **Crew cab:** Rear bench seat with 4 seat capacity.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt with pretensioner integrated with driver seat. Centre seat lap belts.
- **Single cab:** ADR42 compliant sleeper.
- Driver airbag.
- Door and roof pillar entry assist grips. **Crew cab:** Full width rear grab rail with ashtray.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Electric windows.
- Central locking with remote keyless entry and immobiliser.
- Twin cup holders. 24V cigarette lighter. Dashboard hook.

- Front door mounted storage pockets and driver's side ashtray.
- Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
- Front passenger glovebox.
- Fully integrated air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Fluorescent type interior lamp with On/Door/Off switch.
- 2 DIN, two speaker radio/CD multimedia unit with 4.8" LCD touch screen and Bluetooth. Provision for SD card, USB and 3.5 mm plug inputs.
- DIN sized compartment for storage or for CB radio installation.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- DPD regeneration.
- High/low range and 4WD engage switches.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals, headlamps and cruise control.

INSTRUMENTATION

- Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature, fuel level and air pressure gauges.
- **Warning lamps:** Check engine, oil pressure, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low air pressure, low fuel level, cab lock.
- **Indicator lamps:** Warm up system, high beam, DPD status, exhaust brake, low range engaged, 4WD engaged, turn signals, cruise control.
- Multi-information display. Shows service interval, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date and includes 40-120 km/h adjustable vehicle speed warning.

OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

- Satellite navigation - integrates with multimedia unit and includes NAVTEQ mapping.
- Up to three audio/visual reversing cameras - integrates with multimedia unit.
- Airbag compatible bullbar.
- Air deflector.



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