AUSTRALIA’S TOP SELLING TRUCK BRAND SINCE 1989.

FSS 110-210 4x4

FSS 110-210 4x4 CREW

AT A GLANCE*

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVM</td>
<td>11,000 kg</td>
</tr>
<tr>
<td>GCM</td>
<td>16,000 kg</td>
</tr>
<tr>
<td>Power</td>
<td>154 kW @ 2,400 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>726 Nm @ 1,600 rpm</td>
</tr>
</tbody>
</table>

ADVANCED TECHNOLOGY

- Emissions: Japan PNLT / ADR 80/03
- Low and high pressure sequential turbochargers
- Driver and passenger airbag with seatbelt pretensioner
- ADR42 compliant sleeper - except crew
- ECE-R29 compliant cab
- Anti-lock Braking System (ABS)
- Hill Start Aid (HSA)
- Cruise control
- Isri 6860 seat with integrated seatbelt
- Electric mirrors

* Refer to back page for detailed weight rating information

TIC: Isuzu is a member of the Truck Industry Council - Safer Greener Essential.
DRIVELINE AND CHASSIS SPECIFICATIONS

ENGINE: ISUZU N-4HK1-TCS

Type: 4 cylinder 16 valve SOHC
Displacement: 5,193 cc
Compression Ratio: 16.5:1
Bore x Stroke: 115 x 125 mm
Max power (DIN-NET): 154 kW (207 HP) @ 2,400 RPM
(JIS Gross): 159 kW (213 HP) @ 2,400 RPM
Max torque (DIN-NET): 726 Nm (535 lb.ft) @ 1,600 RPM
(JIS Gross): 751 Nm (554 lb.ft) @ 1,600 RPM

Induction system: Low pressure turbocharger and high pressure Variable Geometry System (VGS) turbocharger sequentially operated and with air-to-air intercooler.

Fuel injection: Direct injection high pressure common rail system. Exhaust pipe fuel injection for DPD regeneration

Emission control system: Cooled EGR with exhaust Diesel Particulate Diffuser (DPD) . ADR 80/03 (Japan PNLT) compliant.

ENGINE DRIVEN PTO (PTO model 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.
• Synchromesh on gears 2-6. Triple cone synchromesh 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)

<table>
<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>

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.
• ABS. Active in high range gear selection mode.
• Hill Start Aid (HSA).

• 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: 2.3
• Maximum angle: 36° (inside wheel) / 30° (outside wheel).

WHEELS AND TYRES
• 22.5 x 6.75 eight stud steel wheels.
• 9R22.5 136/134L Toyo M608z Tubeless.
• Maximum tyre rating:
  Front axle: 4,480kg
  Rear axle: 8,480kg
• 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.

**CAB INTERIOR**
- 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 EXTERIOR**
- 24 Volt, 4.5 kW starter motor.
- 90 amp alternator.
- 24 volt electrical system.

**CABIN SPECIFICATIONS AND APPOINTMENTS**
- 2 DIN, two speaker multimedia unit with 6.2” LCD capacitive touch screen. 1.66GHz processor with Android operating system. DAB+ digital radio and fully integrated Bluetooth with voice recognition. Inbuilt PDF, photo and movie viewer. Internet radio accessible via smartphone. 32GB internal file storage. USB and auxiliary input connection provisions. Firmware and map updates possible via smartphone.
- DIN sized compartment for storage or for CB radio installation.

**DRIVER CONTROLS**
- Key-operated engine start/stop and steering lock. Engine idle speed control.
- HSA slow/fast engagement control and on/off switch.
- 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, low coolant level, ABS, SRS airbag, alternator charge, service brakes, park brake, seat belt unfastened, low air pressure, low fuel level, cab lock.
- **Indicator lamps**: HSA, warn up system, high beam, DPD status, exhaust brake, low range engaged, 4WD engaged, turn signals, cruise control.
- **Multi-information display**: Shows service intervals, vehicle systems status, instantaneous and average fuel consumption, DPD bar chart, hourmeter, voltmeter, time/day/date and includes 40-120km/h adjustable vehicle speed warning.

**OPTIONS AND GENUINE ACCESSORIES**
Include the following (extra cost, request a brochure and further details from your Isuzu dealer):  
- **Multimedia unit**:  
  - **Isuzu satellite navigation including 3 years of free updates**  
  - **Supports up to five camera inputs. One digital camera with infra red and rear microphone input active when reversing. Four analogue cameras.**  
  - **Reversing sensors**  
  - **Tyre pressure monitoring system**  
- **Other**:  
  - Airbag compatible bullbar.  
  - Air deflector.

**ISUZU CARE**
Isuzu Care gives truck owners access to products and services including Roadside Assist, Service Agreements, Extended Care, Extended Isuzu Assist and the Isuzu Care Centre. Call 1800 035 640.
Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu FSS models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 150,000 km or 2,500 hrs (whichever comes first). (ii) against cab perforation corrosion, for 36 months and unlimited kilometres.

Extended Warranty as illustrated may be purchased to cover the owner against the failure of original components, but may exclude some components and expendable items such as oil, filters, etc. *Valid for three years from the date of new vehicle purchases. All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer law including customer guarantees. For more details visit the Isuzu website which explains Isuzu warranties in more detail, or alternatively contact your local dealer. All warranties commence from date of delivery.

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**WEIGHTS (kg)**

<table>
<thead>
<tr>
<th>Models</th>
<th>GVM</th>
<th>GCM</th>
<th>Loading Limit* (at ground)</th>
<th>Cab Chassis Mass #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Front</td>
<td>Rear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSS 110-210 4X4</td>
<td>11,000</td>
<td>16,000</td>
<td>3,900 7,700 2,745 1,505 4,250</td>
<td></td>
</tr>
<tr>
<td>FSS 110-210 4X4 PTO</td>
<td>11,000</td>
<td>16,000</td>
<td>3,900 7,700 2,805 1,520 4,325</td>
<td></td>
</tr>
<tr>
<td>FSS 110-210 4X4 CREW</td>
<td>11,000</td>
<td>16,000</td>
<td>3,900 7,700 2,955 1,550 4,505</td>
<td></td>
</tr>
<tr>
<td>FSS 110-210 4X4 CREW PTO</td>
<td>11,000</td>
<td>16,000</td>
<td>3,900 7,700 3,015 1,565 4,580</td>
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</tr>
</tbody>
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*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.

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**DIMENSIONS (mm)**

<table>
<thead>
<tr>
<th>Models</th>
<th>WB</th>
<th>OAL</th>
<th>FOH</th>
<th>ROH</th>
<th>EA</th>
<th>CE</th>
<th>RT</th>
<th>ORT</th>
<th>CH</th>
<th>FFA (unladen)</th>
<th>RFH (unladen)</th>
<th>KERB TO KERB</th>
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</thead>
<tbody>
<tr>
<td>FSS 110-210</td>
<td>3,700</td>
<td>6,555</td>
<td>1,255</td>
<td>1,600</td>
<td>2,800</td>
<td>4,490</td>
<td>1,762</td>
<td>2,220</td>
<td>2,770</td>
<td>985</td>
<td>1,110</td>
<td>1,150</td>
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<tr>
<td>FSS 110-210 CREW</td>
<td>4,200</td>
<td>7,255</td>
<td>1,255</td>
<td>1,800</td>
<td>2,575</td>
<td>4,498</td>
<td>1,762</td>
<td>2,220</td>
<td>2,880</td>
<td>980</td>
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**PERFORMANCE (calculated - typical paved road)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Geared Speed* (top gear at peak power engine RPM)</th>
<th>Low Speed Gradeability (lowest forward gear assuming no wheel slip)</th>
<th>Engine Speed (top gear at 100km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSS 110-210 4X4</td>
<td>91 km/h @ 2,400 RPM &gt;100% 2,645 RPM</td>
<td></td>
<td></td>
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</tbody>
</table>

*Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

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**ISUZU WARRANTIES**

<table>
<thead>
<tr>
<th></th>
<th>Model</th>
<th>Code</th>
</tr>
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<tbody>
<tr>
<td>New Vehicle</td>
<td>FSS 110-210 4x4</td>
<td>FH-FSSCD-B16 (LM81I)</td>
</tr>
<tr>
<td>Cab Perforation Corrosion</td>
<td>FSS 110-210 4x4 CREW</td>
<td>FH-FSSGD-B16 (LM81I)</td>
</tr>
</tbody>
</table>

**ORDER CODES**

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**ISUZU TRUCKS**

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