AUSTRALIA’S TOP SELLING TRUCK BRAND SINCE 1989.

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>177 kW @ 2,400 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>765 Nm @ 1,600 rpm</td>
</tr>
</tbody>
</table>

* Refer to back page for detailed weight rating information

ADVANCED TECHNOLOGY

- Emissions: Japan PNLT / ADR 80/03
- Low and high pressure sequential turbochargers
- Driver and passenger airbag with seatbelt pretensioner
- ECE-R29 compliant cab
- Anti-lock Braking System (ABS)
- Idle stop system (ISS)
- Anti Skid Regulator (ASR)
- Hill Start Aid (HSA)
- Electric mirrors
- Front stabiliser bar
- Cruise control
- ISRI 6860 driver seat with integrated seatbelt
- Cornering lamps

* Satellite Navigation functions and maps provided at no extra cost, with up to four quarterly updates provided by user free download for the first three years of ownership, after which updates can be purchased at additional cost.

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

ENGINE: ISUZU N-4HK1-TCH

Type: 4 cylinder 16 valve SOHC
Displacement: 5,193 cc
Compression Ratio: 16.5:1
Bore x Stroke: 115 mm x 125 mm
Max power (DIN-Net): 177 kW (237 HP) @ 2,400 RPM
(JIS Gross): 183 kW (245 HP) @ 2,400 RPM
Max torque (DIN-Net): 765 Nm (564 lb.ft) @ 1,600 RPM
(JIS Gross): 792 Nm (584 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.

CLUTCH

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

AMT model:
- Fully automated hydraulically controlled wet clutch and torque converter with lock up.

TRANSMISSION

ISUZU MZW-6P
- 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):
  1st  2nd  3rd  4th  5th  6th  Rev
  6.615  4.095  2.358  1.531  1.000  0.722  6.615

Standard model:
- 6 speed manual with air assisted shift.

AMT model:
- 6 speed Automated Manual Transmission (AMT) with both fully automatic and clutchless manual operation modes.

AXLES

Front: Isuzu F041
- Reverse Elliot I-beam. 4,100 kg capacity.

Rear: Isuzu R077
- Full floating Banjo type. 7,700 kg capacity.
- Drive ratio: 4.555:1

SUSPENSION

Front:
- Single stage alloy steel taper leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.

Rear:
- Multi leaf main spring, multi leaf helper spring.

BRAKES

- Dual circuit air over hydraulic front and rear drum brakes.
- ABS.
- ASR traction control.

WEIGHTS AND LOADS

- Front axle: 4,000 kg
- Drive axle: 7,600 kg
- Maximum load rating: 17.5 x 6.75 six stud steel wheels.
- 235/75R17.5 132/130M Michelin X Multi Z Tubeless.
- Maximum tyre rating:
  - 4,000 kg
  - 7,600 kg
- Spare wheel and tyre assembly with winch type carrier.
- Hill Start Aid (HSA).
- Front drum size: 320 x 120 mm
- Rear drum size: 320 x 145 mm
- Spring park brake.
- Air controlled exhaust brake.
- Air dryer.
- Power assisted recirculating ball steering.
- Gear ratio: 16.1 - 18.8:1
- Lockable fuel cap.
- Turns lock to lock: 4.1
- Maximum angle: 52° (inside wheel) / 39° (outside wheel)
- Cold rivetted ladder frame with parallel side rails. HT540A high tensile weldable steel sidemembers.
- Frame dimensions:
  - Side rail (mm): 225 x 70 x 6.0
  - Rear frame width (mm): 840
- Frame mounted 200L steel fuel tank.
- Lockable fuel cap.
ELECTRICAL SYSTEM
- 24 volt electrical system.
- 90 amp alternator.
- 24 Volt, 5.0 kW starter motor.

2 x 115E41L (651 CCA) batteries connected in series.
Underdash CAN interface unit and connector. SAE J1939 protocol.
Facilitates connection to a Fleet Management System (FMS) (not supplied).

CAB INTERIOR
- All steel construction. High tensile steel used for cab underframe. Manual cab tilt to 45° with torsion bar assistance.
- Complies with ECE-R29 cab strength standard.
- Liquid filled front and rear 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 incorporating turn signals. Additional door mounted integrated side indicator/cornering 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 with front foglamps.

AMT models: Driver’s footrest.
- Door and roof pillar entry assist grips.
- 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.
- Front door mounted storage pockets and driver’s side ashtray.
- Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
- 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 multimedia unit with 6.2” LCD capacitive touch screen. 1.6GHz 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.

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. AMT model: Check AMT.
- Indicator lamps: HSA, warm up system, high beam, ASP, DPD status, exhaust brake, turn signals, cruise control. AMT model: Econo-mode, 1st gear start.
- AMT model: Gear selection control with R-N-O and sequential shift positions.
- Left side combination stalk: Windscreen wipers, washers and exhaust brake.
- Right side combination stalk: Turn signals, headlamps and cruise control.

ISUZU SATELLITE NAVIGATION
Integrated with radio/CD multimedia unit. Displayed information includes:
- Points of interest and Isuzu truck dealer locations.
- Road safety alerts.
- Speed limits and traffic signals.
- Route selection based on entered information such as vehicle weight and dimensions.

DRIVER CONTROLS
- Key-operated engine start/stop and steering lock. Engine idle speed control.
- HSA slow/fast engagement control and on/off switch.
- ASR on/off.
- Idle stop system on/off.
- DPD regeneration.
- AMT model: AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
- AMT model: Gear selection control with R-N-O and sequential shift positions.

OPTIONS AND GENUINE ACCESSORIES
Include the following (extra cost, request a brochure and further details from your Isuzu dealer):
Multimedia unit:
- 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.

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.
WEIGHTS (kg)

<table>
<thead>
<tr>
<th>Models</th>
<th>Ratings*</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></td>
<td>Front</td>
<td>Rear</td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td>FRR 110-240 MWB</td>
<td>11,000**</td>
<td>4,000</td>
<td>7,600</td>
<td>2,160</td>
<td>1,170</td>
</tr>
<tr>
<td>FRR 110-240 AMT MWB</td>
<td>11,000**</td>
<td>4,000</td>
<td>7,600</td>
<td>2,180</td>
<td>1,175</td>
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<tr>
<td>FRR 110-240 LWB</td>
<td>11,000**</td>
<td>4,000</td>
<td>7,600</td>
<td>2,225</td>
<td>1,210</td>
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<tr>
<td>FRR 110-240 AMT LWB</td>
<td>11,000**</td>
<td>4,000</td>
<td>7,600</td>
<td>2,245</td>
<td>1,220</td>
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<tr>
<td>FRR 110-240 XLWB</td>
<td>11,000**</td>
<td>4,000</td>
<td>7,600</td>
<td>2,245</td>
<td>1,200</td>
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</table>
| **Optional 8,000kg GVM rating available. If cab chassis only as supplied and including 10 litres of fuel.

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>RFA (unladen)</th>
<th>RFH (unladen)</th>
<th>KERB TO KERB</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRR 110-240 MWB</td>
<td>4,060</td>
<td>6,975</td>
<td>1,170</td>
<td>1,745</td>
<td>3,430</td>
<td>5,250</td>
<td>1,660</td>
<td>2,165</td>
<td>2,585</td>
<td>725</td>
<td>900</td>
<td>965</td>
<td>12.9</td>
</tr>
<tr>
<td>FRR 110-240 LWB</td>
<td>4,990</td>
<td>8,325</td>
<td>1,170</td>
<td>2,165</td>
<td>4,360</td>
<td>6,600</td>
<td>1,660</td>
<td>2,165</td>
<td>2,585</td>
<td>720</td>
<td>885</td>
<td>965</td>
<td>15.9</td>
</tr>
<tr>
<td>FRR 110-240 XLWB</td>
<td>5,320</td>
<td>8,625</td>
<td>1,170</td>
<td>2,135</td>
<td>4,690</td>
<td>6,900</td>
<td>1,660</td>
<td>2,165</td>
<td>2,585</td>
<td>725</td>
<td>895</td>
<td>965</td>
<td>16.9</td>
</tr>
</tbody>
</table>

PERFORMANCE (calculated - typical paved road)

<table>
<thead>
<tr>
<th>Geared Speed* (top gear at peak power engine RPM)</th>
<th>Low Speed Gradeability</th>
<th>Engine Speed (top gear at 100km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRR 110-240 at 11,000 kg GVM</td>
<td>107 km/h @ 2,400 RPM</td>
<td>49%</td>
</tr>
</tbody>
</table>

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

ISUZU WARRANTIES

<table>
<thead>
<tr>
<th>ORDER CODES</th>
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<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>FRR 110-240 MWB</td>
</tr>
<tr>
<td>FRR 110-240 AMT MWB</td>
</tr>
<tr>
<td>FRR 110-240 LWB</td>
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<tr>
<td>FRR 110-240 AMT LWB</td>
</tr>
<tr>
<td>FRR 110-240 XLWB</td>
</tr>
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</table>