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>16,500 kg</td>
</tr>
<tr>
<td>GCM</td>
<td>32,000 kg</td>
</tr>
<tr>
<td>Power</td>
<td>221 kW @ 2,400 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>981 Nm @ 1,450 rpm</td>
</tr>
</tbody>
</table>

* Refer to back page for detailed weight rating information

**ADVANCED TECHNOLOGY**

- Emissions: Euro V / ADR 80/03
- Meets EEV emissions standard
- Driver and passenger airbag with seatbelt pretensioner
- ADR 42 compliant sleeper with mattress
- ECE-R29 compliant cab
- Anti-lock Braking System (ABS)
- Hill Start Aid (HSA) - except auto model
- Electric mirrors
- Electro-hydraulic cab tilt
- Coil spring cab suspension
- Front stabiliser bar
- Rear stabiliser bar - FVR only
- Cruise control
- Isri 6860 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.

**SPECIFICATIONS**

Now with Sat Nav fitted as standard*

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

ENGINE: ISUZU 6HK1-TCS

Type: 6 cylinder 24 valve SOHC
Displacement: 7,790 cc
Compression Ratio: 17.5:1
Bore x Stroke: 115 x 125 mm
Max power (DIN-NET): 221 kW (296 HP) @ 2,400 RPM
(JIS Gross): 228 kW (306 HP) @ 2,400 RPM
Max torque (DIN-NET): 981 Nm (724 lb.ft) @ 1,450 RPM
(JIS Gross): 1,014 Nm (748 lb.ft) @ 1,450 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 Diffuser (DPD). ADR 80/03 (Euro V) compliant. EEV compliant.

CLUTCH (MANUAL TRANSMISSION MODEL)

• Air assisted hydraulic control. Single plate 381 mm diameter.
• Total lining area: 1,363 cm²

TRANSMISSION

ZF 9 S 1110 TO

• 9 speed with air assisted shift.
• Synchronmesh on gears 1-8. Repeat ‘H’ shift pattern.
• PTO provision at rear of transmission case.
• Gear ratios (1) Crawler: 9.48
  1st  2nd  3rd  4th  5th  6th  7th  8th  Rev
  6.58  4.68  3.48  2.62  1.89  1.35  1.00  0.75  0.97

ALLISON 3000 SERIES (auto model)

• 6 speed automatic. 5th generation electronic controls with adaptive shift.
• Allison long life TranSynd synthetic fluid.
• LHS and top PTO openings on transmission bellhousing. Engine driven PTO drive gear.
• Gear ratios (1)
  1st  2nd  3rd  4th  5th  6th  Rev
  3.49  1.86  1.41  1.00  0.75  0.65  5.03

AXLES

Front: MERITOR
  • FG941 reverse Elliot I-beam. 6,600 kg capacity.
Rear: MERITOR
  • RS-23-1616. 10,400 kg capacity.
  • Drive ratio: 5.625:1 (manual model), 6.428:1 (auto model).

SUSPENSION

Front:
  • Single stage alloy steel taper-leaf springs.
  • Double acting hydraulic shock absorbers. Stabiliser bar.
Rear (FVR 165-300):
  • Multi-leaf main spring, multi-leaf helper spring. Stabiliser bar.
Rear (FVD 165-300):
  • Hendrickson HAS230 airbag. 10,400 kg capacity at ground.
  • Outboard mounted double acting shock absorbers.

BRAKES

• Meritor ‘Q-Plus’ dual circuit full air ‘S-cam’ front and rear drum brakes with auto slack adjusters.
• ABS.
• Hill Start Aid (HSA) - except auto model.

FRONT DRUM SIZE: 419 x 127 mm
REAR DRUM SIZE: 419 x 178 mm
SPRING PARK BRAKE
AIR CONTROLLED EXHAUST BRAKE
AIR DRYER

STEERING

• Power assisted recirculating ball steering.
• Gear ratio: 22.4:1
• Turns lock to lock: 5.4
• Maximum angle: 45° (inside wheel) / 35° (outside wheel)

WHEELS AND TYRES

• 22.5 x 8.25 ten stud ISO standard steel wheels.
• Steer axle: 295/80R22.5 152/148M Michelin X Multi Z Tubeless
• Drive axle: 11R22.5 14B/145L Michelin X Multi D Tubeless
• Maximum tyre rating:
  • Steer axle: 7,100 kg
  • Drive axle: 11,600 kg
• Spare wheel and X Multi Z tyre assembly with winch type carrier.

CHASSIS FRAME

• Cold riveted ladder frame with parallel side rails.
• Frame sidemember material: 
  • MWB and AUTO: HT540A
  • LWB: SAPH440
• Frame dimensions:
  • MWB and AUTO:
    • Side rail (mm): 254 x 85 x 8.0, Rear frame width (mm): 850
    • LWB:
      • Side rail (mm): 258 x 85 x 10, Rear frame width (mm): 850
**FVR/D 300 - ARK0928 05/16**

**FUEL TANK**
- Frame mounted fuel tank. 200L steel (MWB & AUTO), 400L aluminium (LWB / AUTO LWB).
- Lockable fuel cap.

**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.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt with pretensioner integrated with driver seat. Outboard front passenger seatbelt fitted with pretensioner. Centre seat lap belts.
- ADR 42 compliant sleeper with mattress.
- Driver and outboard front passenger airbag.
- Door and roof pillar entry assist grips.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
- 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 auto control air conditioning and heating/defrost 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/DVD Digital Audio Visual Entertainment (DAVE) unit with 6.2” LCD touch screen. DAB+ digital radio and fully integrated Bluetooth with voice recognition. 4GB internal storage for music files. USB/SD card and auxiliary input connection provisions.
- DIN sized compartment for storage or for CB radio installation. 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 - except auto model.
- DPD regeneration.
- Pushbutton gear selection control (auto model).
- 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 (except auto model), warm up system, high beam, DPD status, exhaust brake, turn signals, cruise control.
- Gear selection display (auto model).
- Multi information display. Shows service intervals, vehicle systems status, instantaneous and average fuel consumption, DPD bar chart, hourometer, 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):

**Digital Audio Visual Entertainment unit:**
- Telematics system.
- Supports up to four camera inputs, one camera and rear microphone input active when reversing. Reversing sensors.
- Tyre pressure monitoring system.
- Cables for full iPod / iPhone / iPad compatibility and connection to other external audio visual devices.

**Other:**
- Airbag compatible bullbar.
- Air deflector.
- Rear axle cross lock.

**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 Isuzu New Vehicle Warranty, the Isuzu FVR and FVD models carry a standard factory warranty which covers the owner:

1. For the entire vehicle, for the first 36 months or 200,000 km or 3,000 hrs (whichever comes first).

2. 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 purchase. 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.

** WEIGHTS (kg)**

<table>
<thead>
<tr>
<th>Models</th>
<th>GVM</th>
<th>GCM</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVR 165-300 MWB</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
<td>3,235</td>
</tr>
<tr>
<td>FVR 165-300 AUTO</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
<td>3,495</td>
</tr>
<tr>
<td>FVR 165-300 LWB</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
<td>3,515</td>
</tr>
<tr>
<td>FVD 165-300 AUTO</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
<td>3,490</td>
</tr>
<tr>
<td>FVD 165-300 LWB / AUTO LWB</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
<td>3,590</td>
</tr>
</tbody>
</table>

* Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. 16,500 kg is maximum optional GVM rating. 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)**

<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>FVR 165-300 MWB</td>
<td>4,250</td>
<td>7,405</td>
<td>1,440</td>
<td>1,715</td>
<td>3,550</td>
<td>5,340</td>
<td>1,840</td>
<td>2,445</td>
<td>2,850</td>
<td>1,000</td>
<td>1,085</td>
<td>1,110</td>
<td>14.8</td>
</tr>
<tr>
<td>FVR 165-300 AUTO</td>
<td>5,550</td>
<td>9,255</td>
<td>1,440</td>
<td>2,265</td>
<td>4,850</td>
<td>7,190</td>
<td>1,840</td>
<td>2,445</td>
<td>2,850</td>
<td>1,000</td>
<td>1,085</td>
<td>1,120</td>
<td>19.4</td>
</tr>
<tr>
<td>FVR 165-300 LWB</td>
<td>6,500</td>
<td>10,740</td>
<td>1,440</td>
<td>2,800</td>
<td>5,800</td>
<td>8,675</td>
<td>1,840</td>
<td>2,445</td>
<td>2,850</td>
<td>1,000</td>
<td>1,010</td>
<td>1,010</td>
<td>22.7</td>
</tr>
<tr>
<td>FVD 165-300 AUTO</td>
<td>5,550</td>
<td>9,255</td>
<td>1,440</td>
<td>2,265</td>
<td>4,850</td>
<td>7,190</td>
<td>1,840</td>
<td>2,445</td>
<td>2,850</td>
<td>1,000</td>
<td>1,010</td>
<td>1,010</td>
<td>19.4</td>
</tr>
<tr>
<td>FVD 165-300 LWB / AUTO LWB</td>
<td>6,500</td>
<td>10,740</td>
<td>1,440</td>
<td>2,800</td>
<td>5,800</td>
<td>8,675</td>
<td>1,840</td>
<td>2,445</td>
<td>2,850</td>
<td>1,000</td>
<td>1,010</td>
<td>1,010</td>
<td>22.7</td>
</tr>
</tbody>
</table>

** 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>FVR/FVD 165-300</td>
<td>110 km/h @ 2,400 RPM</td>
<td>56%</td>
<td>2,180 RPM</td>
</tr>
<tr>
<td>FVR/FVD 165-300 AUTO</td>
<td>111 km/h @ 2,400 RPM</td>
<td>47%</td>
<td>2,160 RPM</td>
</tr>
</tbody>
</table>

** ISUZU WARRANTIES **

<table>
<thead>
<tr>
<th>Type</th>
<th>Duration</th>
<th>Distance/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard New Vehicle</td>
<td>3 years</td>
<td>200,000km • 3,000 hours</td>
</tr>
<tr>
<td>Cab Perforation Corrosion</td>
<td>3 years</td>
<td>unlimited km</td>
</tr>
<tr>
<td>Isuzu Assist</td>
<td>24 hour</td>
<td>assistance (3 years, unlimited km)*</td>
</tr>
<tr>
<td>Extended Warranty</td>
<td>5 years</td>
<td>350,000km • 5,500 hours</td>
</tr>
<tr>
<td>Isuzu Assist</td>
<td>24 hour</td>
<td>assistance (5 years, unlimited km)</td>
</tr>
</tbody>
</table>

** ORDER CODES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVR 165-300 MWB</td>
<td>FH-FVRJZ-B16</td>
</tr>
<tr>
<td>FVR 165-300 AUTO</td>
<td>FH-FVRJZ-M16</td>
</tr>
<tr>
<td>FVR 165-300 LWB</td>
<td>FH-FVRJZ-D16</td>
</tr>
<tr>
<td>FVD 165-300 AUTO</td>
<td>FH-FVDJZ-M16</td>
</tr>
<tr>
<td>FVD 165-300 LWB</td>
<td>FH-FVDJZ-D16</td>
</tr>
<tr>
<td>FVD 165-300 AUTO LWB</td>
<td>FH-FVDJZ-N16</td>
</tr>
</tbody>
</table>