# FVY 240-300 6x4

**AGITATOR CAB CHASSIS**

**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>24,000 kg</td>
</tr>
<tr>
<td>GCM</td>
<td>36,000 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

- Polished Alcoa aluminium alloy wheels
- Emissions: Euro V / ADR 80/03
- Meets EEV emissions standard
- Driver and passenger airbag with seatbelt pretensioner
- ADR42 compliant sleeper with mattress
- ECE-R29 compliant cab
- Anti-lock Braking System (ABS)
- Cross locks
- Electric mirrors
- Electro hydraulic cab tilt
- Coil spring cab suspension
- Front stabiliser bar
- 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.

---

**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.

TRANSMISSION

ALLISON 3500 SERIES

- 6 speed automatic. 5th generation electronic controls with adaptive shift.
- Allison long life TranSynd synthetic fluid.
- 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>4.59</td>
<td>2.25</td>
<td>1.54</td>
<td>1.00</td>
<td>0.75</td>
<td>0.65</td>
<td>5.00</td>
</tr>
</tbody>
</table>

AXLES

Front: MERITOR
- FG941 reverse Elliot I-beam. 6,600 kg capacity.
Rear: MERITOR
- MT44-144GP tandem axle set. 20,000 kg capacity.
- Driver controlled inter-axle lock and cross locks on both axles.
- Drive ratio: 6.428:1

SUSPENSION

Front:
- Single stage alloy steel taper-leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.
Rear:
- Hendrickson HAS460 airbag. 18,100 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.
- Front drum size: 419 x 127 mm
- Rear drum size: 419 x 178 mm
- Spring park brake acting on all rear wheels.
- 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 polished Alcoa aluminium wheels.
- Drive axle: 11R22.5 14B/145L Michelin X Multi D Tubeless.
- Maximum tyre rating:
  - Steer axle: 7,100 kg
  - Tandem drive axle set: 23,200 kg
- Spare wheel and X Multi Z tyre assembly.

CHASSIS FRAME

- Cold rivetted ladder frame with parallel side rails. HT540A high tensile weldable steel sidemembers.
- Frame dimensions: Side rail (mm): 254 x 85 x 8.0
  - Rear frame width (mm): 850

FUEL TANK

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).
**CABIN SPECIFICATIONS AND APPOINTMENTS**

**CAB EXTERIOR**
- All steel construction with electro-hydraulic cab tilt. High tensile steel used for cab underframe.
- Complies with ECE-R29 cab strength standard.
- Full floating cab with coil spring suspension and hydraulic shock absorbers.
- 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 and front foglamps. 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.
- Chrome grille.
- Body coloured steel air dam bumper with side cornering lamps.
- Chrome grille.
- Fitted to top opening on left side.

**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 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.
- 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 auto control 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.
- 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.
- DPD regeneration.
- Interaxle lock and cross lock engage switches.
- Pushbutton gear selection control.
- 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: Warm up system, high beam, DPD status, exhaust brake, turn signals, inter-axle lock, cruise control.
- Gear selection display.
- 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:
  - Telematics system.
  - 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
  - Wireless inductive phone charger
- Other:
  - Airbag compatible bullbar.
  - Air deflector.
  - Low profile Powauto PA28-1JBR21B33 PTO fitted to top opening on transmission.

**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 FVY model carries 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>Ratings*</th>
<th>Loading Limit* (at ground)</th>
<th>Cab Chassis Mass #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GVM</td>
<td>GCM</td>
<td>Front</td>
</tr>
<tr>
<td>FVY 240-300 Agitator Cab Chassis</td>
<td>24,000</td>
<td>36,000</td>
<td>6,600</td>
</tr>
</tbody>
</table>

* 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)**

<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>FVY 240-300 Agitator Cab Chassis</td>
<td>4,410</td>
<td>7,605</td>
<td>1,440</td>
<td>1,755</td>
<td>3,710</td>
<td>5,540</td>
<td>1,840</td>
<td>2,445</td>
<td>2,810</td>
<td>1,000</td>
<td>1,015</td>
<td>1,015</td>
<td>15.4</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</th>
<th>Engine Speed (top gear at 100km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVY 240-300 Agitator Cab Chassis</td>
<td>111 km/h @ 2,400 RPM</td>
<td>41%</td>
<td>2,160 RPM</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. Vehicle is speed limited to 100 km/h.

**ISUZU WARRANTIES**

**STANDARD**

- New Vehicle: 3 years • 200,000km • 3,000 hours
- Cab Perforation Corrosion: 3 years • unlimited km
- Isuzu Assist: 24 hour roadside assistance (3 years, unlimited km)*

**EXTENDED CARE**

- Extended Warranty: 5 years • 350,000km • 5,500 hours
- Isuzu Assist: 24 hour roadside assistance (5 years, unlimited km)

**ORDER CODES**

- FVY 240-300 Agitator Cab Chassis: FH-FVYJZ-L16 (LM81I)

---

1. Subject to the conditions outlined in the IAL New Vehicle Warranty, the Isuzu FVY model carries 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.
2. 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.

(IAL) AUSTRALIA LIMITED ABN 97 006 962 572 (‘IAL’). The information in this spec sheet was correct at time of printing, but all measurements, specifications and equipment are subject to change without notice. Some equipment may have been changed and/or is available at extra cost. IAL may make changes at any time without notice, in prices, colours, materials, equipment and models. IAL makes all reasonable attempts to ensure the availability of all vehicles and equipment. This information in this spec sheet is general in nature. Your Isuzu dealer can confirm all measurements, specifications and vehicle equipment availability upon request. To the extent permitted by the law, IAL is not liable to any person as result of reliance on the content of this spec sheet.