AUSTRALIA’S TOP SELLING TRUCK BRAND SINCE 1989.

FVD 165-300 4x2 DUAL CONTROL

AT A GLANCE*

- GVM: 16,500 kg
- GCM: 32,000 kg
- Power: 221 kW @ 2,400 rpm
- Torque: 981 Nm @ 1,450 rpm

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
- Anti-lock Braking System (ABS)
- Electric mirrors
- Electro-hydraulic cab tilt
- Coil spring cab suspension
- Front stabiliser bar
- Cruise control
- LHS and RHS ISRI 6860 seats with integrated seatbelt
- Cornering lamps
- High visibility entry steps and hand grips
- Digital body control interface unit

* Refer to back page for detailed weight rating information.

* 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.
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 3000 SERIES
- 6 speed automatic. 5th generation electronic controls with adaptive shift.
- Allison long life TranSynd synthetic fluid.
- Gear ratios (.1)
  1st 2nd 3rd 4th 5th 6th Rev
  3.49 1.86 1.41 1.00 0.75 0.65 5.03
- LHS mounted Isuzu/Hydreco PA4823JBL11G33IS Hot Shift PTO
  - Torque output rating: 730Nm standard duty (PTO only) / 615Nm standard duty (considering Allison limits)
  - 107.17% ratio
  - Rotation direction same as engine
  - SAE 1410 output flange

AXLES
Front: MERITOR
- FG941 reverse Elliot I-beam. 6,600 kg capacity.
Rear: MERITOR
- RS-23-161G. 10,400 kg capacity.
- Drive ratio: 6.428:1

SUSPENSION
Front:
- Single stage alloy steel taper-leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.
Rear:
- 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.
- Dual air control valves for LHS and RHS driving positions
- ABS
- 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. LHS and RHS control positions linked by gear driven cross shaft.
- 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: 11R22.5 148/145L 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 rivetted ladder frame with parallel side rails. SAPH440 weldable steel sidemembers.
- Frame dimensions:
  - Side rail (mm): 258 x 85 x 10
  - 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.
- 2 x 115E41L (651 CCA) batteries connected in series.
- Digital body controller interface. Activated by body builder and incorporates features including:
  - PTO and engine speed control
  - Airbag suspension dump control
  - Speed limiting during bin lift operations
  - CAN output for various vehicle states
  - Power connection points from vehicle lights, park brake and reverse gear selection switches, 10A battery and ignition switch supply circuits.

CAB INTERIOR
- Isri 6860 air suspension driver’s seat for LHS and RHS control positions.
- Multi information display. Shows service intervals, vehicle systems status, points of interest and Isuzu truck dealer locations.
- Gear selection display.
- Key-operated centrally mounted engine start/stop. Engine idle speed control.
- Cab underframe.
- 24 volt electrical system.

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.
- PTO and engine speed control

DRIVER CONTROLS
- 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.

INSTRUMENTATION
- Multi information display. Shows service intervals, vehicle systems status.
- PTO and engine speed control

OPTIONS AND GENUINE ACCESSORIES
- 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
- 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.

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.

PRELIMINARY
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></td>
<td></td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td>FVD 165-300 MLWB Dual Control</td>
<td>16,500</td>
<td>32,000</td>
<td>6,600</td>
<td>10,400</td>
</tr>
</tbody>
</table>

* Vehicle ratings and front/rear weight limits are subject to government regulatory requirements and weight distribution analysis. 16,500kg is maximum optional GVM rating. Consult your Isuzu dealer to select the correct vehicle for your specific application. **Calculated estimates. 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</th>
<th>RFA</th>
<th>RFH</th>
<th>KERB</th>
</tr>
</thead>
<tbody>
<tr>
<td></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>
</tbody>
</table>

** Typical paved road **

ISUZU WARRANTIES

** STAND**

- 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

- Model: FVD 165-300 MLWB DUAL CONTROL
- Code: FH-PVDTZ-M20

1 Subject to the conditions outlined in the WA New Vehicle Warranty, the Isuzu FVR and FVD models carry a standard factory warranty which covers the owner: (i) for the entire vehicle, for the first 36 months or 200,000 km or 3,000 hrs whichever comes first. (ii) against cab perforation corrosion, for 36 months and unlimited kilometres. * Extended Warranty as illustrated can 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.

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