

Giga EXD 455



AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989. Truck tracker 2009.

AT A GLANCE

GVM	18,000 kg
GCM	45,000 kg
Power	338 kW @ 1,800 rpm
Torque	2,255 Nm @ 1,300 rpm

ADVANCED TECHNOLOGY

- Emissions: JNLT 05 - meets ADR80/03
- Driver airbag with seatbelt pretensioner
- Electronic Braking System (EBS)
- Cross locks
- ECE-R29 compliant cab
- Optional Front Underun Protection Device (FUPD)
- Isri 6860 seat with integrated seatbelt
- 12 speed Automated Manual Transmission



RELIABILITY IS EVERYTHING ISUZU

Driveline & Chassis Specifications

ENGINE SİTEC SERIES II 455 (ISUZU 6WG1-TCC)

Type: 6 cylinder 24 valve SOHC
Displacement: 15,681 cc
Compression Ratio: 16.5:1
Bore x Stroke: 147 mm x 154 mm
Max power (DIN - NET): 338 kW (453 HP) @ 1,800 RPM
(JIS Gross): 350 kW (469 HP) @ 1,800 RPM
Max torque (DIN-NET): 2,255 Nm (1,663 lb.ft) @ 1,300 RPM
(JIS Gross): 2,334 Nm (1,721 lb.ft) @ 1,300 RPM
Induction system: High capacity turbocharger with air-to-air intercooler.
Fuel injection: Direct injection high pressure common rail system.
Emission control system: Four-stage electronically controlled cooled EGR with exhaust Diesel Particulate Diffuser (DPD). ADR 80/03 (J-NLT05) compliant.

CLUTCH

- Twin plate 15.5".
- Fully automated control or manual control available at crawl speed only.

TRANSMISSION

Isuzu MJX 12P

- 12 speed constant mesh Automated Manual Transmission (AMT) with both automatic and manual operation modes.

- Gear ratios (:1)

1st	2nd	3rd	4th	5th	6th	7th
12.272	9.933	7.206	5.833	4.583	3.709	2.677
8th	9th	10th	11th	12th	Rev 1	Rev 2
2.167	1.572	1.272	1.000	0.809	10.967	8.876

AXLES

Front: ISUZU F075

- Reverse Elliot I-beam. 7,500 kg capacity.

Rear: ISUZU R130

- European Meritor 186 series final drive carrier assembly. 13,000 kg capacity.
- Cross locks.
- Drive ratio: 3.727:1

SUSPENSION

Front:

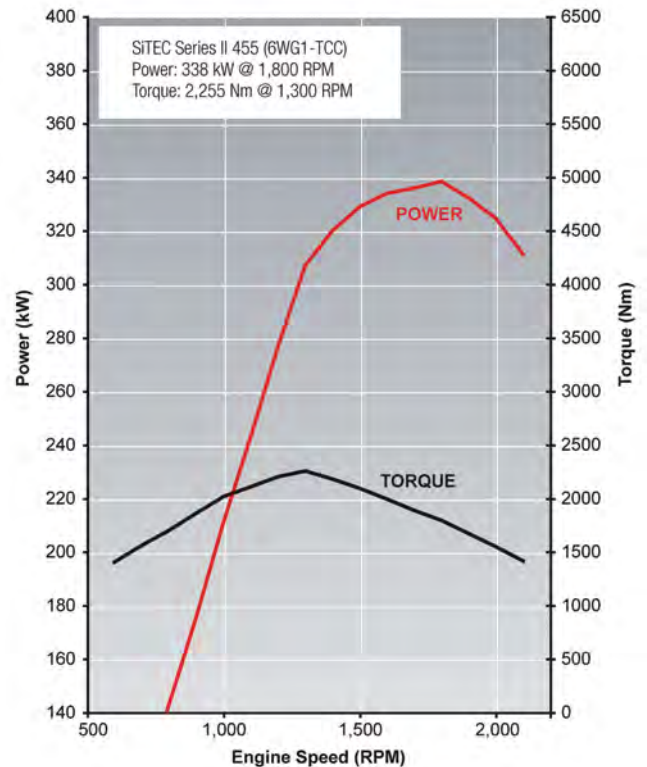
- Single stage alloy steel taper leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.

Rear:

- Isuzu 4-bag electronically controlled air suspension system.
- Double acting hydraulic shock absorbers. Stabiliser bar.
- RFCN: 2044

BRAKES

- Dual circuit full air taper roller front and rear drum brakes.
- EBS (Electronic Braking System) - includes ABS.
- Front drum size: 410 x 160 mm
- Rear drum size: 410 x 220 mm



- Spring park brake acting on front and rear wheels.
- Air controlled exhaust brake.
- Air dryer.
- Trailer brake connection at rear of cab.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 22.4:1
- 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 XZE2 Tubeless
- **Drive axle:** 11R22.5 148/145L Michelin XDE2 Tubeless
- Maximum tyre rating:
 - Steer axle: 7,100 kg
 - Drive axle: 11,600 kg
- Spare wheel rim supplied.

CHASSIS FRAME

- Cold rivetted ladder frame. HT540A high tensile weldable steel sidemembers.
- Frame dimensions:
 - Side rail (mm): 254 x 85 x 8.0
 - Rear frame width (mm): 850
- Turntable angles fitted.

FUEL TANK

- Frame mounted 400L aluminium fuel tank.
- Lockable fuel cap.

ELECTRICAL SYSTEM

- 24 volt electrical system.
- 90 amp alternator.
- 24 volt, 7.0 kW starter motor.
- 2 x 145G51 (754 CCA) batteries connected in series.
- 24 volt supply to trailer electrics.

Cabin Specifications and Appointments

CAB EXTERIOR

- All steel high roof cab with electro-hydraulic cab tilt.
- Complies with ECE-R29 cab strength standard.
- Full floating cab with air 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 variable intermittent wipe mode.
- Halogen headlamps. Bumper mounted turn signals and foglamps. Additional door mounted side indicator lamps.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. 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.
- Trailer air and electrical connectors at rear of cab.

CAB INTERIOR

- Isri 6860 air suspension driver's seat with pneumatic lumbar support, height, rake and automatic weight adjustment.
- Front passenger adjustable bucket seat.
- 3-point lap sash seatbelts in all outboard seating positions. Driver seatbelt with pretensioner integrated with driver seat.
- ADR 42 compliant sleeper with mattress.
- Cab window curtain.
- Driver airbag.
- Door and roof pillar entry assist grips.
- Full interior trim, padded roof lining and carpet floor covering. Overhead front storage compartments.
- Tilt/Telescopic adjustable steering column, leather trimmed steering wheel.
- Electric windows.
- Central locking with remote keyless entry.
- 24V cigarette lighter. 12V electrical accessory sockets.
- Front door mounted storage pockets and ashtrays.
- Large centre console with storage compartments and heat/cool box.

- 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 radio/CD multimedia unit with 4.8" LCD touch screen and Bluetooth. Provision for SD card, USB and 3.5 mm plug inputs.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- DPD regeneration.
- Cross lock engage switch.
- Hand held pendant for rear suspension raise and lower.
- Hi/lo horn control switch.
- AMT power/economy, skip shift and manual control mode switches.
- **Left side combination stalk:** Windscreen wipers, washer, exhaust brake and hazard lamps.
- **Right side combination stalk:** Turn signals, headlamps, cruise control.
- Trailer brake control valve.

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, ABS, SRS airbag, alternator charge, service brakes, park brake, trailer brake, seat belt unfastened, low air pressure, cab suspension, suspension height adjust, check AMT.
- **Indicator lamps:** High beam, fog lamps, DPD status, exhaust brake, turn signals, cruise control, AMT shift mode selection.
- Gear selection display.
- Multi information display. Shows instantaneous, average and idling fuel consumption, time/day/date, voltmeter, and vehicle systems status.

OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

- Satellite navigation - integrates with multimedia unit and includes NAVTEQ mapping.
- Up to three audio/visual reversing cameras - integrates with multimedia unit.
- FUPD Bumper Bar - complies with ECE-R93.
- Standard Bullbar.
- FUPD Bullbar - complies with ECE-R93.
- Air deflector.

