

Isuzu NQR 500 Twin Cab and Fittings

The Isuzu NQR 500 is a medium-duty truck designed for urban, construction, and logistics applications, featuring a 5.2-liter four-cylinder turbo diesel engine (4HK1-TCC4). It offers a Gross Vehicle Mass (GVM) of 8,500 kg to 8,700 kg, providing a payload capacity of approximately 5 tonnes. The truck is available with either a 6-speed manual or Automated Manual Transmission (AMT) and features a 140 kW power output with 513 Nm of torque.

Engine & Performance

- **Engine:** 5.2L (5,193cc) 4-cylinder, 16-valve SOHC, 4HK1-TCC.
- **Power:** 140 kW (190 PS) @ 2,600 rpm.
- **Torque:** 513 Nm @ 1,600 - 2,600 rpm.
- **Emission Control:** Cooled EGR with exhaust Diesel Oxidation Catalyst (DOC).

Transmission & Drivetrain

- **Manual (MT):** 6-speed Isuzu MZZ-6F (synchromesh on gears 1-6).
- **Automated (AMT):** 6-speed with fully automatic and clutchless manual modes.
- **Rear Axle:** Full floating banjo type, 6,600 kg capacity.

Weight Ratings & Capacity

- **GVM:** 8,500 kg (standard) to 8,700 kg (varies by market/tipper).
- **Payload:** Approx. 5 tonnes, with ~5,790 kg permissible body and payload.

Axles, Suspension & Brakes

- **Front Suspension:** Single stage alloy taper-leaf, double-acting shock absorbers, stabilizer bar.
- **Rear Suspension:** Multi-leaf main spring, taper-leaf helper spring.
- **Brakes:** Ventilated disc brakes, dual circuit hydraulic with ABS, ASR traction control, and Electronic Vehicle Stability Control (EVSC).

Safety & Features

- **Driver & Passenger Airbags:** Standard.
- **Cabin:** Available in standard and crew cab configurations.
- **Multimedia:** 6.2" LCD touch screen, Bluetooth, DAB+ radio, and USB inputs.
- **Warranty:** 5 Year / 250,000 km in many regions.

Key Fuel Consumption and Capacity Details:

- **Average Fuel Usage:** Approximately 15.5L/100km (loaded test).

- **Reported Range:** 18–28L/100km depending on operational conditions.
- **Fuel Tank Capacity:** 140L (frame-mounted steel).
- **Efficiency Features:** Euro V with cooled EGR and Diesel Particulate Diffuser.

Fittings Fixtures

- **Roof Rack**
- **Hydraulic Crain with winch** (Loads boat on the roof rack)
- **Black tank 500 litre** (Pump waste from 5th Wheel)
- **Fresh Water tank 500 litre** (pump fitted to transfer to 5th wheel)

CURT Q20:

The [CURT Q20 \(model 16130, 16530\)](#) is a 20,000-lb. capacity, 5th wheel hitch designed for smooth, quiet towing of large RVs and trailers.

- **Capacity:** 20,000 lbs. gross trailer weight, 5,000 lbs. vertical load limit.
- **Performance:** Uses a spherical axial bearing for enhanced tilt and a quieter ride.
- **Coupling:** A self-aligning head with a wide opening and a single-handle, 3-position color-coded indicator for quick locking.
- **Structure:** Dual jaws wrap around the kingpin to reduce chucking, with a durable carbide powder coat finish for corrosion resistance