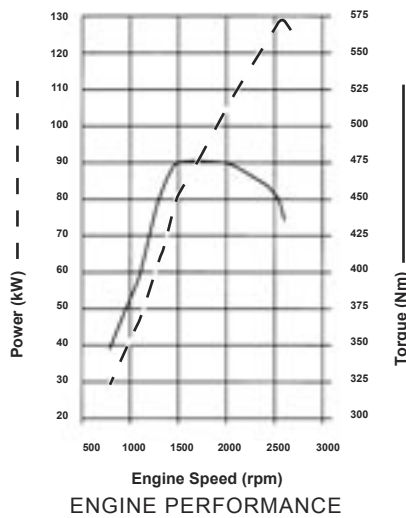




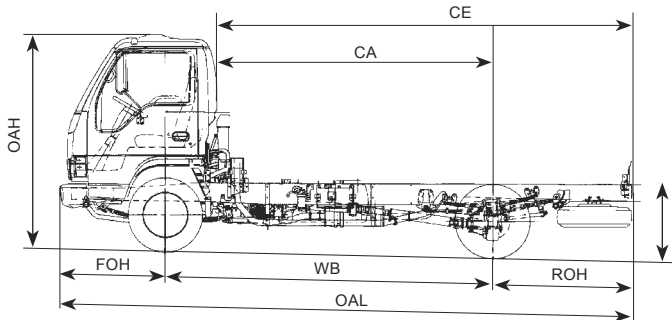
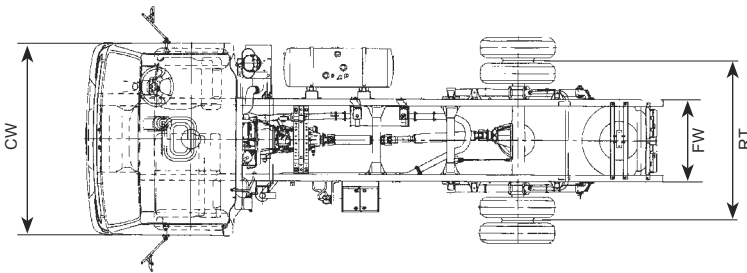
Sample photo only. Actual vehicle may slightly differ from that shown.

4HK1-TCS

Power 129kW / 2600 rpm
Torque 500 Nm / 1500 - 2000 rpm



ENGINE PERFORMANCE



MAIN SPECIFICATIONS

Model	NQR500M	NQR500L
Code	NQ05	NQ06
Configuration	4 x 2	
GVM	9,000kg	
GCM	12,500kg	
Towed Mass Unbraked	750kg	
Gradeability at GVM	38.8%	
Estimated geared Speed@RPM	100km/h at 2385	
Turning circle kerb to kerb	12.4m	14.8m

DRIVELINE SPECIFICATIONS

Engine Model	4HK1-TCS (Euro 3)	
Type	Turbocharged 4 cylinder 16V SOHC direct injection diesel	
Displacement	5193cc	
Compression ratio	18.5 :1	
Power	129kw (175PS) @ 2,600rpm	
Torque	500Nm (369 lb.ft) @ 1500-2000rpm	
Transmission Model	MZZ6U	
Forward Gears	6	

KERB MASS

Front	1745kg	1775kg
Rear	1095kg	1115kg
Total	2840kg	2890kg

*Estimate with coolant, oils, spare, tools & 10L of fuel

DIMENSIONS (mm)

WB - Wheelbase	3365	4175
OAL - Overall length	5955	7320
CW - Cab width	1995	1995
OAH - Overall height	2265	2260
CA - Cab to rear axle	2840	3650
CE - Cab to rear of frame	4345	5710
FOH - Front overhang	1085	1085
ROH - Rear overhang	1505	2060
FT - Front track	1680	1680
RT - Rear track	1650	1650
FW - Frame width	850	850
Chassis Height at Rear Axle	821	826
Back of Cab Clearance	155	155

UPGRADE OPTIONS

Driver Airbag (SRS)
Air Conditioning

NQR500M MEDIUM NQR500L LONG

Driveline Specifications

ENGINE (ISUZU 4HK1-TCS)

Type: 4 cylinder 16 Valve SOHC direct injection diesel. Turbocharged and air to air intercooled.
Adjustable roller type rocker arms.
Displacement: 5,193 CC
Compression Ratio: 18.5:1
Bore x Stroke: 115 x 125 mm
Max power (DIN NET): 129 kW @ 2,600 RPM
Max torque (DIN NET): 500 Nm @ 1,500-2,000 RPM
Emissions Standard: ADR 80/00 (Euro III)

LUBRICATION

- Plate type oil cooler. Combined full flow main and bypass oil filter.

COOLING SYSTEM

- 7 blade, 500 mm diameter cooling fan with thermostatically controlled viscous clutch.
- Dual drive belts and thermostats.

AIR INTAKE SYSTEM

- Vertical air intake mounted on back of cab.
220 X 320 mm air cleaner element.
- 550 X 370 mm air to air intercooler.

FUEL SYSTEM

- Denso common rail fuel injection. Separate fuel filter and water separator.
- 125 L steel tank

CLUTCH

- Auto adjusting hydraulic control.
- Single plate 325 mm diameter.
- Total lining area: 966 cm²

TRANSMISSION ISUZU MZZ-6U

- 6 Speed manual.
- Synchronesh on all forward gears
- PTO provision on LHS of transmission case.
PTO drive from counter gear.
- Gear ratios (:1)
1st 2nd 3rd 4th 5th 6th Rev
6.369 3.767 2.234 1.442 1.000 0.782 6.369

FRONT AXLE: ISUZU F031

- Reverse Elliot I-beam. 3,100 kg capacity.

REAR AXLE: ISUZU R066

- Full floating Banjo type.
- Four differential pinions. 6,600 kg capacity.
- Drive ratio: 4.555:1

AXLE LOAD SUMMARY

	Front	Rear
Axle Capacity (kg):	3,100	6,600
Spring Capacity (kg):	3,650	6,660
Tyre Capacity (kg):	3,300	6,200
Limit (kg):	3,100	6,200

Note: Vehicle loading limit is determined by the combination of axle loading limit, GVM and GCM limit, and government regulatory requirements. Consult your Isuzu dealer to select the correct vehicle for your specific application.

Warranty

Vehicle: 36 months/100,000km*
*Which ever comes first. Subject to the terms and conditions detailed in the warranty book.

A policy of continual improvement means that the specifications are subject to change without notice. Contact your Isuzu Dealer to confirm current specification.

Chassis Specifications

FRONT SUSPENSION

- Single stage alloy steel multi-leaf springs.
- Nominal size: 1,300 x 70 mm
- Total spring capacity (at ground): 3,650 kg.
- Double acting, hydraulic shock absorbers.
Stabiliser bar.

REAR SUSPENSION

- Two stage alloy steel multi-leaf springs.
- Nominal size: 1,350 x 70 mm
- Total spring capacity (at ground): 6,660 kg
- Double acting, hydraulic shock absorbers
Stabiliser bar.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 20.9:1
- Turns lock to lock: 5.4

BRAKES

- Auto-adjusting front disc and rear drum brakes, with dual circuit hydraulic control, hydraulic pressure assistance and load sensing proportioning valve.
- ABS - Anti-Lock Breaking System.
- ASR - Anti-Skid Regulator.
- HSA - Hill Start Aid
- Front disc diameter (mm): 363
- Rear drum diameter (mm): 370
- 203 mm diameter drum park brake mounted on rear of transmission.
- Vacuum controlled exhaust brake.

CHASSIS FRAME

- Cold riveted ladder frame. JIS SAPH440 weldable steel.
Parallel side rails and rivetless top flange.
- Frame dimensions
Side rail (mm): 216 x 70 X 6.0
Rear frame width (mm): 850

WHEELS & TYRES

- 19.5 x 6.00 six stud wheels.
- 225/70R 19.5 Tubeless.
- Maximum tyre rating: 1,650 kg per tyre (single tyres)
1,550 kg per tyre (dual tyres).
- 1 frame mounted spare wheel and tyre assembly

ELECTRICAL SYSTEM

- 24 Volt electrical system.
- 24 Volt, 60 Amp alternator.
- 24 Volt, 4.5 kW starter motor.
- 2 x 80D26R (582CCA) batteries connected in series.

Cabin Specifications

CAB EXTERIOR

- All steel cab with side door impact door protection beams. Outer body panels galvanised and treated with corrosion resistant primer.
- Cab built to comply with ECE-R29 crash safety tests
- Manual cab tilt to 45°
- Access to fluid checkpoints without tilting cab.
- Four point tuned rubber cab mounting.
- Body coloured impact resisting polycarbonate construction with steel backing frame.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced doors.
- Laminated windscreen.
- Two speed windscreen wipers, with intermittent wipe mode.
- Single piece halogen multi reflector headlamps incorporating turn signals.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps.
Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- Large rear view mirrors with additional, independently adjustable convex "spot" mirror on both sides.

CAB INTERIOR

- Wide contoured driver's bucket seat, lumbar support, reclining back, fore aft adjustment. Two person passenger bench seat, with folding seat back. Seat tilts for access to engine.
- Durable, fire resistant cloth seat facing.
- 3-point, lap sash seatbelts with emergency locking belt retractors in all outboard seating positions.
- Driver airbag (SRS option upgrade only)
- Door and "A" pillar entry assist grips.
- Full interior trim, padded roof lining, and vinyl floor mats. Windscreen header storage shelf.
- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Electric windows.
- Central locking with remote keyless entry
- Twin cup holders. Cigarette lighter.
- Centre console box with two storage trays. Fold down storage tray behind centre seat backrest.
- Standard heater/demister with 4 speed fan and outlets for windscreen, side windows, face and floor.
Air conditioning optional.
- Fore-aft adjustable roof vent.
- Interior lamp with On/Door/Off switch activated by either door.
- Two speaker radio/CD player
- DIN sized compartment below radio for storage or for CB radio installation.

DRIVER CONTROLS

- Key operated engine start/stop and steering lock.
Engine idle speed control.
- HSA speed control and on/off switch
- ASR on/off option.
- Left side combination stalk: Windscreen wipers, washers and exhaust brake.
- Right side combination stalk: Turn signals and headlamps.

INSTRUMENTATION

- **Gauges:** Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.
- **Warning lamps:** low battery charge, brake failure, low fuel level, glow plug/engine malfunction, low oil pressure, water separator.
- **Indicator lamps:** Turn signals, parking brake, high beam, exhaust brake engaged.



Sample photo only. Actual vehicle may slightly differ from that shown.