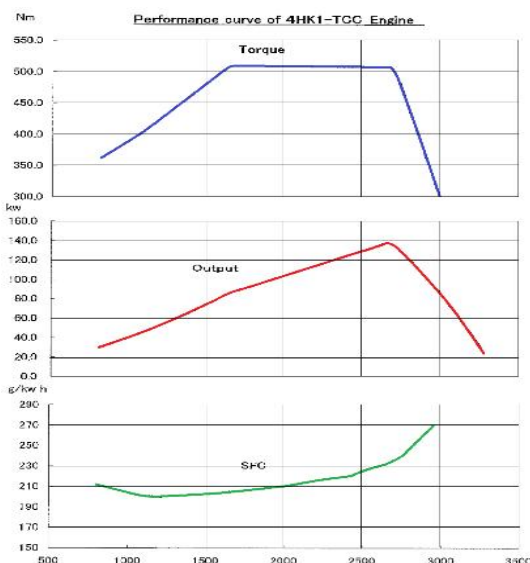


| Model | NQR500 Tipper |
|----------------|---------------|
| GCM (kg) | 12,200 |
| GVM (kg) | 8,700 |
| Max Power (kW) | 139 |
| Wheelbase (mm) | 3365 |
| License** | Class 2 |



ENGINE

| | |
|--------------------------|--|
| Engine Model: | 4HK1-TCC |
| Type: | 4 cylinder 16 valve, SOHC |
| Displacement: | 5,193 cc |
| Compression Ratio: | 17.5:1 |
| Max Power (DIN Net): | 139kW (189 HP) @ 2,600 RPM |
| Max Torque (DIN Net): | 510 Nm (376 lb.ft) @ 1,600 RPM |
| Emission Control System: | Euro V with cooled EGR and Diesel Particulate Diffuser |
| Fuel System: | Electronically controlled direct injection, high pressure common rail 150 litre fuel tank with lockable fuel cap Water-in-fuel sensor standard |
| Air Intake System: | Electronically controlled variable nozzle turbo charger with air-to-air intercooler, vertical air intake behind cab |



PERFORMANCE

- Maximum Towed Mass (braked): 3,500kgs - 1st Gear Gradeability @ GVM: M 36%
- Maximum Towed Mass (unbraked): 2,000kgs - Est Engine RPM @90km/h : M 1930

TRANSMISSION

| | |
|---------------|---|
| Transmission: | MZZ6F 6 spd |
| Manual: | Synchromesh on 1 st to 6 th Auto adjusted 325mm single plate clutch, vacuum assist |
| Ratios (:1) | 1 st 6.369, 2 nd 3.767 3 rd 1.996, 4 th 1.333, 5 th 1.000, 6 th 0.782, Rev 6.369 |
| PTO | Provision on LHS of transmission case, countershaft driven |

AXLES

| | |
|--------------|----------------------------------|
| Front Axle: | Isuzu F031 |
| Type: | Elliot reverses I-beam |
| Capacity: | 3,100kgs |
| Rear Axle: | Isuzu RO66 |
| Type: | Full floating banjo type housing |
| Capacity: | 6,600kgs |
| Final Drive: | 320mm diameter ring gear |
| Ratio (:1): | Man: 4.100 |

CHASSIS

Front Suspension

- Single stage alloy multi-leaf
- Double acting shock absorber
- Stabiliser bar

Steering

- Power assisted rack and pinion
- Turns lock-to-lock 5.4
- Gear Ratio 20.9:1

Chassis Frame

- Cold riveted ladder frame
- Rail dimensions (mm) 216 x70 x 4
- SAPH440 weldable steel

Rear Suspension

- MLS main, 1300x70x11 – 4, 1300x70x12 – 2
- Constant 205 N/mm
- TLS helper 850 x 70 x 9– 7
- Combined constant 553 N/mm
- Double acting shock absorbers with stabiliser bar

Brakes

- Auto adjusting front discs, rear drums with hydraulic dual circuit control, hydraulic pressure assisted with electronic Brake Distribution (EBD)
- ABS and ASR (traction control)
- Hill Start Aid
- Front discs 363 x 42mm
- Rear drum 370mm x 150mm
- 203mm diameter drum park brake on rear of transmission

Wheels and Tyres

- 19.5 x 6.0 x 127mm 6-stud steel rims
- 225/70R19.5 125/123M tubeless tyres
- White painted wheel rims
- Frame mounted spare wheel with tyre

Electrical

- 24 volt negative earth system
- 50 amp alternator
- Batteries - 2 x 80D26L 80Ah,

CAB AND INTERIOR

CAB EXTERIOR

- All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement
- Cab is fully compliant with ECE-R29 crash tests
- Manual cab tilt to 45° with torsion bar assistance
- Liquid filled front and rear cab mounts
- Heavy duty non-slip cab entry steps
- 70° opening doors
- Cab mounted main mirrors on front of cab
- Halogen multi-reflector headlamps with integral front turn signals
- Additional door mounted turn signals
- Polycarbonate front bumper with steel frame
- Combined brake/turn/reverse/marker lamps
- Registration plate lamps
- Reverse alarm buzzer standard

CAB INTERIOR

- Contoured adjustable driver's bucket seat
- Passenger bench seat with capacity for two adults

CAB INTERIOR (continued)

- SRS including air bag for driver and passenger
- Lined interior, padded roof lining and vinyl floor covers
- RH and LH overhead storage shelf
- Height/reach adjustable steering column, soft-feel urethane steering wheel
- Central locking with keyless entry and immobiliser
- Integrated air conditioning with 4 speed fan
- Multi Media radio/CD/DVD/MP3/WMA Player with 6.2" Touch Screen, Bluetooth, voice dialling, text to speech, SD and USB inputs, on-board recordable memory – optional external cameras with up to 4-way screen, GPS navigation and many other options
- 5 DIN sized compartments for extra communications

Tipper Body

- All-steel dropside body
- Auto release 2-way tailgate and body lock hook
- 3.6 m³ volume capacity
- Material: Deck: 4.5mm, Sides, tail plate & front: 3.2
- 20 second body raise and lower
- Shovel rack, rope rails, non-slip side steps

INSTRUMENTS and CONTROLS

- Two-speed wipers with intermittent wipe mode
- Key operated engine start/stop, steering lock
- HSA slow/fast engagement control with on/off switch
- ASR on/off switch
- DPD manual regenerate switch
- AMT: slow/fast clutch engagement control, 1st gear selection, economy mode
- LH combination stalk: Windscreen wipers, washers and exhaust brake
- RH combination stalk: Indicators, light switch and headlamp dip switch
- Warning lamps: Check engine, oil pressure, ABS, SRS, alternator charge, service brake, park brake on, seat belt unbuckled
- Indicator lamps – HAS, warm up system, high beam, DPD status, 1st gear start, turn signals

WEIGHTS (kgs)

| Model Codes | MODELS | RATINGS * | | LOADING LIMITS (at ground)* | | CHASSIS CAB TARE MASS ** | | |
|-------------|-----------------|-----------|-------|-----------------------------|------|--------------------------|------|-------|
| | | GVM | GCM | FRONT | REAR | FRONT | REAR | TOTAL |
| NQ1313 | NQR500 M Tipper | 8700 | 12200 | 3100 | 6200 | 2080 | 1930 | 4010 |

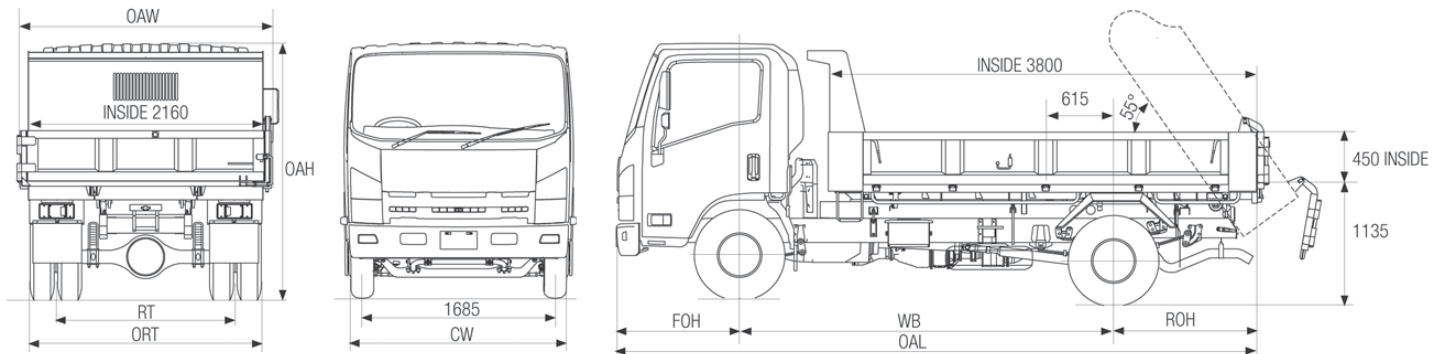
* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

** Chassis cab as supplied from the factory including 10 litres of fu

DIMENSIONS (mm)

| Models | WB | OAL | CH * | CW | OAH | OAW | FOH | ROH | EA | CE | RT | ORT | Kerb to Kerb (m) |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| NQR500M Tipper | 3365 | 5870 | 2280 | 1995 | 2280 | 2360 | 1110 | 1285 | 2680 | 4302 | 1670 | 2150 | 12.4 |

*Unladen condition



WARRANTY

Full vehicle warranty: 36 months or 100,000 kilometres whichever occurs first
All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement

A policy of continuous improvement means that these specifications are subject to change without notice. Contact your Isuzu dealer or visit our website at Isuzu.co.nz to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle

** Always refer to NZTA to confirm & for licensing changes