

GVM - 8500kg  
GCM - 11000kg  
WHEELBASE - 4175mm

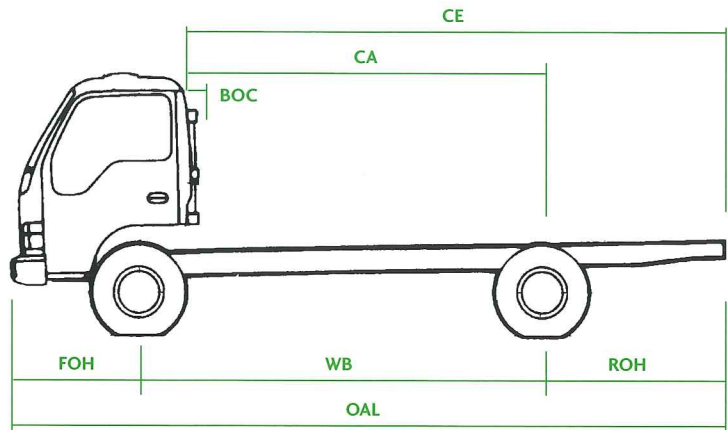
## ISUZU 4HE1-T ENGINE PERFORMANCE

- Type: 4 Cylinder, in line, OHC, direct injection, four stroke, turbo charged diesel
- Bore x Stroke: 110 x 125 mm
- Displacement: 4,751 cc
- Compression Ratio: 18.0:1
- Power Output : 109 kW @ 2,900 rpm (146 hp)
- Torque : 400 Nm @ 1,800 rpm

## DIMENSIONS AND WEIGHTS

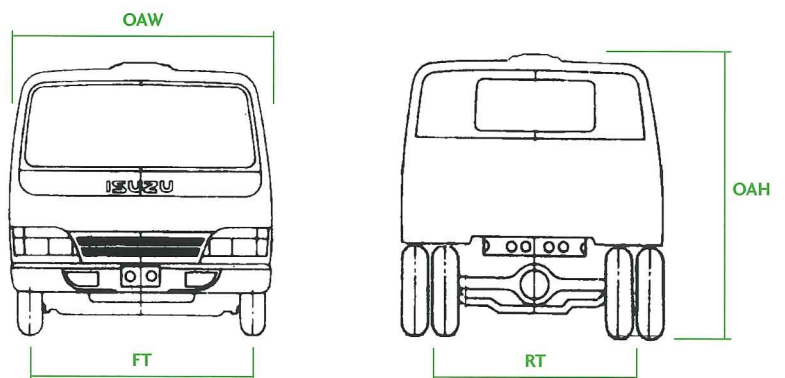
- Estimated Kerb Mass (kg):
 

|       |       |
|-------|-------|
| Front | 1,580 |
| Rear  | 865   |
| Total | 2,445 |
- Frame Width: 850mm
- Turning Circle (m) (kerb to kerb): 14.8
- Ground Clearance (min): 280 mm



## TRANSMISSION

- Isuzu MBP6P - 6 speed overdrive with synchromesh on all gears.



|                       |         |                             |         |
|-----------------------|---------|-----------------------------|---------|
| Wheelbase (WB)        | 4,175mm | Front overhang (FOH)        | 1,085mm |
| Cab to rear axle (CA) | 3,555mm | Rear overhang (ROH)         | 2,055mm |
| Overall width (OAW)   | 2,125mm | Cab to rear of frame (CE)   | 5,625mm |
| Overall length (OAL)  | 7,315mm | Overall height (OAH)        | 2,220mm |
| Front Track (FT)      | 1,680mm | Back of cab/clearance (BOC) | 95mm    |
| Rear Track (RT)       | 1,650mm |                             |         |

# NQR 500

## TRUCK 4x2

# ISUZU

RELIABILITY IS EVERYTHING

### ENGINE - ISUZU 4HE1-T

#### Lubrication:

- Pressure feed lubrication with full flow/partial flow paper element filters
- Oil capacity: 13 litres

#### Cooling System:

- Water cooled system thermostatically controlled with pressure vented radiator
- Temperature modulated viscous hub, clutch controlled fan
- Coolant capacity: 14 litres

### FUEL SYSTEM

- 'Zexel' injection pump and 'Bosch' 4 hole injectors
- Mechanical fuel pump
- Paper element air cleaner with raised vertical air stack behind cab
- Fuel tank capacity: 125 litres

### CLUTCH

- Hydraulic control, dry, single plate, with diaphragm spring, asbestos free clutch plate 325 mm diameter
- Auto adjusting clutch cylinder

### TRANSMISSION - MBP6P

- 6 speed overdrive, synchromesh with floor mounted short-throw gear shift & remote linkage to gearbox

#### Gear ratios: 1

|         |       |
|---------|-------|
| 1st     | 6.378 |
| 2nd     | 3.627 |
| 3rd     | 2.239 |
| 4th     | 1.452 |
| 5th     | 1.000 |
| 6th     | 0.787 |
| Reverse | 6.595 |

- Reverse warning buzzer
- Power take-off provision on left hand side
- Maximum geared speed on standard tyres: 102 km/hour
- Calculated maximum rolling gradeability at manufacturer's GVM = 34.01%, GCM = 26.01%

### EXHAUST

- Horizontal exhaust and muffler
- Exhaust brake air operated

### REAR AXLE - CAPACITY 6,600 KG

- Isuzu heavy duty fully floating banjo type with hypoid single speed reduction
- Ratio: 5.125 : 1
- Hypoid type ring gear 320 mm diameter
- Oil capacity: 3.4 litres

### REAR SUSPENSION

- Semi-elliptical, alloy steel, tapered, multi-leaf springs
- Hydraulic, double acting, telescopic, shock absorbers

### FRONT AXLE - CAPACITY 3,100 KG

- Reverse Elliot "I" beam type

### FRONT SUSPENSION

- Semi-elliptical, alloy steel, tapered, multi-leaf springs
- Hydraulic, double acting, telescopic, shock absorbers

### STEERING

- Recirculating ball steering with integral power assistance
- Gear ratio: 20.9 : 1
- Turns lock to lock: 4.9
- Gear driven vane type oil pump
- Steering wheel diameter: 410 mm
- Tilt/telescopic steering column adjustable for height and angle

### BRAKES

- Dual circuit, boosted pressure hydraulic brake system
- Front - two leading shoes
- Rear - dual two leading shoes
- Drum diameter front and rear: 320mm
- Total lining area: 1,840 sq cm
- Total swept area: 6032 sq cm
- Transmission mounted internal expanding park brake
- Auxiliary exhaust brake

### CHASSIS FRAME

- Rolled steel ladder type channel section with cold riveted cross members
- Side member dimensions: 216 x 65 x 6 mm
- Width across frame: 850mm

### WHEELS AND TYRES

- One piece rim, 6.00 x 17.5 with 127 mm offset, 6 stud, 20 mm bolt size
- Tyres: 215/75 R17.5 - radial tubeless, single front, dual rear
- Spare tyre located in winch carrier at end of frame
- Number of tyres - including spare: 7

### ELECTRICAL SYSTEM

- 24 volt negative earth system with fuse protection for all major circuits
- Waterproof connectors used in all exposed areas
- Battery: 2 x 12 volt, 60 amp/hour mounted on chassis side member with protection cover
- Alternator: 24 volt, 70 amp with voltage regulator

### CAB EXTERIOR

- Forward control, monocoque construction, high roof, cab over engine with welded strengthening ribs
- Cab tiltable to 45° with torsion bar assistance
- Laminated curved and tinted windshield, toughened side and rear glass
- Triple wash jets - each wiper arm
- Large exterior "Aero" type mirrors left and right hand sides, with underview mirror on passenger side
- Front mud flaps
- Cab finished in "Arc White" enamel paint

### CAB INTERIOR

- Deluxe trim with sound insulation
- Vinyl floor mat
- Adjustable highback reclining driver's seat
- Double passenger seat with hinged cushion for interior engine access
- Centre seat fold down for built-in tray with clip board
- Fresh air heater/demister with booster fan
- Roof header tray
- Door pockets
- Interior rear view mirror
- AM/FM radio cassette
- Floor mounted gear shift lever
- Passenger car style park brake control
- Access to fluid checks without tilting cab

- Seat belts
- Central locking
- Cigarette lighter
- Interior light

### INSTRUMENTATION

- Speedometer with digital odometer
- Tachometer
- Gauges for: Fuel level and coolant temperature

### INDICATOR LAMPS

- Turn signals
- High beam
- Reversing lamp and beeper
- Parking brake on
- Exhaust brake

### WARNING LAMPS

- Battery charge
- Exhaust brake
- Low fuel level
- Oil pressure
- Brake booster

### SWITCHES

- Combination stalk switch on LH side for intermittent windshield wipers and washer, exhaust brake
- Combination stalk on RH side for headlamps, dip/highbeam, turn and fog lamps
- Hazard flasher switch on dash
- Key operation stop and start

### LAMPS

- 4 halogen bulb headlamps
- Front and rear combination park/flasher
- Rear combination tail, stop and flasher
- Reverse lamp

### TOOLS

- Hand tools and 5 tonne jack

### WARRANTY

Vehicle: 36 months/100,000km (whichever comes first)

Corrosion (Perforation): 36 months