

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

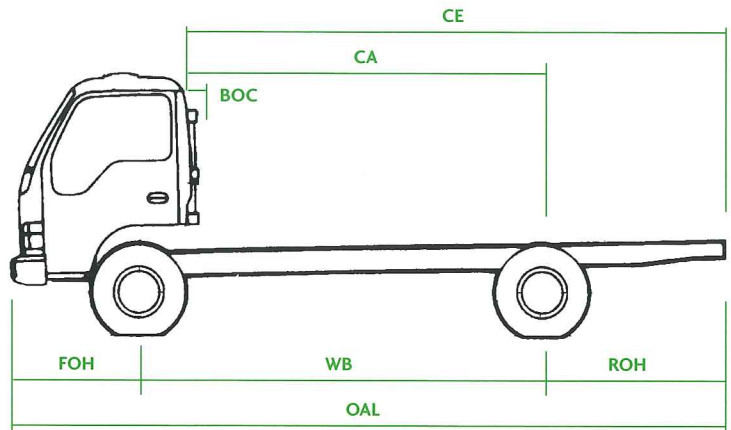
## ISUZU 4HE1-T ENGINE PERFORMANCE

- 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

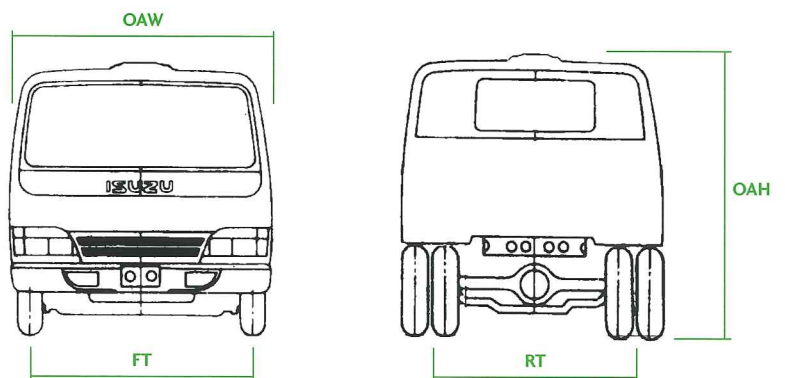
- Estimated Kerb Mass (kg):
 

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