

GVM - 24000kg
GCM - 50000kg
WHEELBASE - 5250mm

ENGINE PERFORMANCE

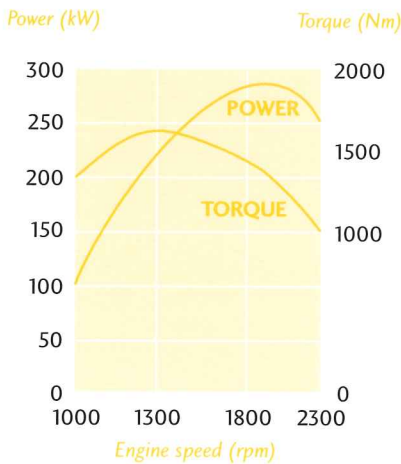
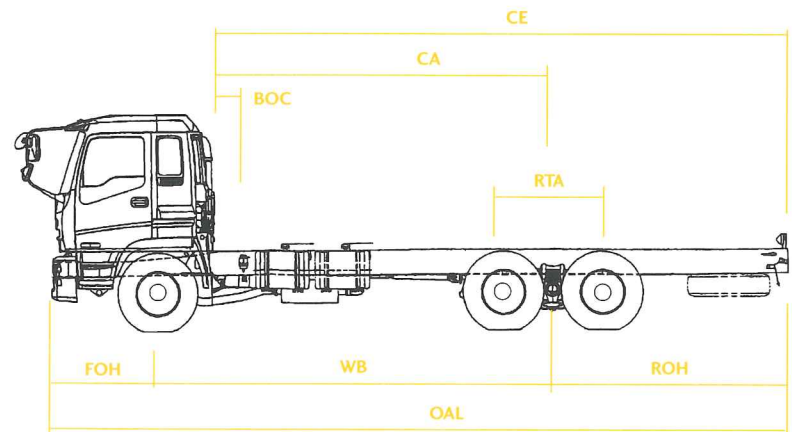
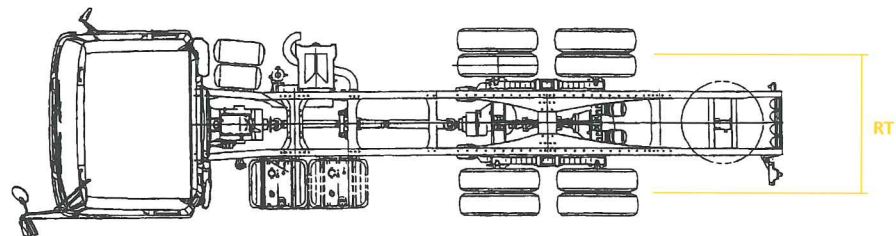
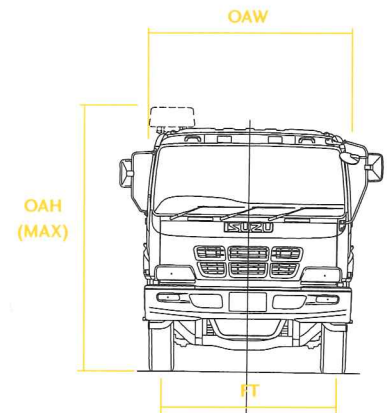
- Model: 6WA1-TC
- Type: 6 Cylinder, in line OHC direct injection , turbo/intercooled, four stroke diesel
- Bore x Stroke: 133 x 144 mm
- Displacement: 12,068 cc
- Compression Ratio: 16.5:1
- Power Output: 280 kW at 2,000 rpm (380 hp)
- Torque: 1,598 Nm @ 1,300 rpm

DIMENSIONS AND WEIGHTS

- Estimated Kerb Mass (kg):
 - Front 4,160
 - Rear 4,020
 - Total 8,180
- Frame Width: 850 mm
- Turning Circle (m) (kerb to kerb): 19.00
- Ground Clearance (min): 225 mm

TRANSMISSION

- Eaton RTL016718B - 18 speed, with oil cooler



Wheelbase (WB)	5,250mm	Front overhang (FOH)	1,400mm
Cab to rear axle (CA)	4,500mm	Rear overhang (ROH)	3,125mm
Overall width (OAW)	2,490mm	Cab to rear of frame (CF)	7,625mm
Overall length (OAL)	9,775mm	Overall height (OAH)	3,185mm
Front Track (FT)	2,062mm	Back of cab/clearance (BOC)	130mm
Rear Track (RT)	1,850mm	Rear Tandem (RTA)	1,310mm

ENGINE - ISUZU 6WA1-TC

Lubrication:

- Pressure feed lubrication with full flow/partial flow paper element filters
- Oil capacity: 31 litres

Cooling System:

- Water cooled system thermostatically controlled with pressure vented radiator
- Remote mounted coolant surge tank, gear driven pump and cooling fan.
- Temperature modulated viscous hub fan clutch
- Coolant capacity: 50 litres

FUEL SYSTEM

- "Zexel" in-line fuel injection pump with 'Bosch' 8 hole injectors
- Mechanical fuel pump
- Heavy duty main fuel filters and pre filter with sedimentor
- Cab concealed, heavy duty, horizontal mounted air filter with pre cleaner
- Electronic element restriction warning device
- Fuel tank capacity: 400 litres

CLUTCH

- "Spicer" EP1552 model, ceramic 6 button twin plate with angle spring hydraulic control, air assisted, 390mm diameter

TRANSMISSION

- Eaton RTLO16718B - 18 speed clutch brake
- PTO openings: RH side - regular duty SAE, Bottom - heavy duty SAE

Gear Ratios:

1st	14.14
2nd	12.29
3rd	8.56
4th	7.30
5th	6.05
6th	5.16
7th	4.38
8th	3.78
9th	3.20
10th	2.73
11th	2.29
12th	1.95
13th	1.62
14th	1.38
15th	1.17
16th	1.00
17th	0.86
18th	0.73
Reverse 1	15.06
Reverse 2	12.85
Reverse 3	4.03
Reverse 4	3.43

EXHAUST

- Horizontal exhaust and muffler
- Exhaust brake, electric/air controlled

REAR AXLE - CAPACITY 21,000 KG

- Isuzu single speed tandem drive with interaxle differential and lock up provision (with oil pump)
- Ratio: 5.125:1
- Hypoid type ring gear 445 mm diameter

REAR SUSPENSION

- Semi-elliptical alloy steel, leaf springs
- Spring capacity: 13,400 kg each

FRONT AXLE - CAPACITY 7,100 KG

- Reverse Elliot "I" beam type

FRONT SUSPENSION

- Semi-elliptical alloy steel, leaf springs
- Spring capacity: 5000 kg each
- Hydraulic, double acting shock absorbers

STEERING

- Recirculating ball steering with integral power assistance
- Gear ratio: 22.4:1
- Gear driven vane type oil pump
- Soft feel urethane steering wheel 480mm dia.
- Tilt, telescopic steering column adjustable for height and angle

BRAKES

- Dual circuit, full air "S" cam type brakes to NZHVBC compliance
- Drum dimensions:
Front: 410 mm dia x 140 mm wide
Rear: 410 mm dia x 180 mm wide
Total lining area: 7,176 sq cm
- Twin cylinder compressor delivery at engine rpm 2,000: 1.36 cu M/min
- Spring park brake acting on rear wheels
- Air operated exhaust brake
- Trailer brake equipment with hand operated control
- Air piping: nylon and steel tube

CHASSIS FRAME

- Rolled steel, ladder type channel section with cold riveted cross members
- Side member dimensions: 320 x 90 x 8 mm
- Inner frame reinforcements around suspension attachment points
- Width across frame: 850 mm

WHEELS AND TYRES

- One piece steel rim, 8.25 x 22.5 with 165mm offset, 10 stud, 22mm bolt size
- Tyres: 11 R22.5 radial tubeless, single front and dual rear
- Spare wheel located in winch carrier at side of frame
- Number of tyres including spare: 11

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, 120 amp/hour
- Alternator: 24 volt, 40 amp

CAB EXTERIOR

- Forward control, mono-coque construction, high roof, cab over engine with welded strengthening ribs and side door impact beams
- European convex exterior mirrors
- Large alloy non-skid entry step
- Coil spring suspension with 4 shock absorbers and stabiliser bar
- Finished in "Arc White"
- Cab is power assisted tiltable
- Laminated, curved windshield and wide flat backlight
- Access to oil fill, dipsticks, washer and clutch fluid, and fuses through lift up front panel
- LH storage locker

CAB INTERIOR

- Deluxe trim with sound insulation
- Moulded vinyl floor mats

- Fully adjustable driver's "captain" air suspension seat with fully adjustable squab
- Vinyl covered foam mattress across cab behind seating.
- Low back centre seat with storage box and high back reclining passenger seat.
- Dual Sunvisors
- Left and right dash mounted assist grips for cab entry exit
- Cab weather sealed to prevent ingress of dust/noise and to facilitate precise temperature control
- Fresh air heater/demister and air conditioning with four speed booster fan and push button air direction controls
- AM/FM radio cassette with remote control on driver's right hand side dash mounted (optional multi stack CD player)
- Power windows
- Seat belts
- Central locking
- Covered overhead shelf (locker)
- Ashtray both doors
- Cigarette lighter
- Driver's foot rest
- Interior light - multi lamp (fluorescent)

INSTRUMENTATION

- Speedometer with odometer - electronic
- Tachometer - electronic
- Gauges for: dual air pressure, fuel level, temperature, oil pressure and voltage

INDICATOR LAMPS

- Turn signals
- High beam
- Diff lock
- Parking brake
- Exhaust brake

WARNING LAMPS

- Battery charge
- Air cleaner
- Engine overheat
- Engine overrun
- Low coolant level
- Low air pressure
- Oil pressure
- Stop/tail light failure

SWITCHES

- Combination stalk switch on LH of steering column side for intermittent windshield wipers and washer, exhaust brake, hazard flasher and retarder operation
- Combination stalk on RH side of steering column for headlamps, dip/high beam, turn signals and fog lamps
- Key operation for engine stop/start

LAMPS

- Reversing lamp and buzzer
- Rectangular halogen headlamps
- Combination front turn signal and park lamps
- Combination rear tail, stop, reverse and turn signal lamps with reflector lenses plus long leads for variable body mounting
- Fog lights and corner lights

TOOLS

- Hand tools and 15,000 kg jack

WARRANTY

Vehicle: 24 months/250,000km (whichever comes first)
Powertrain: 36 months/250,000km (whichever comes first)
Corrosion (Perforation): 36 months