

CDi Specifications

A 12.5 metre double decker bus.

BODY TYPE

12.5m Ultra low floor with one forward entry door and one side exit, both 1250mm wide Giving it a Seating Capacity of 96, with two wheelchair positions provide by 6 flip up seat's and a standing capacity of up to 20 dependant on final specification.

Integrated body and chassis all 304 Marine grade stainless steel fully welded with alloy and composite flooring and other light weight components gives it a tare weight of approximately 13,000kg. With a fully loaded weight of approximately 20,540kg with 116 passengers falling well within the 21,000kg GVM.

GLAZING

Saloon windows are bonded to give a panoramic vision.

HEATING AND COOLING

Thermo King model "TDD-M1" with screw compressor and brushless boost pump. A/C is ducted throughout the vehicle. Independent driver airconditioning with four speed fan giving a mist free vision in almost any climate.

EXTERIOR PANELLING

Comprising of one piece, Roof, front and rear Header, and one piece, side sheets all composite fire retarded fibreglass. A three piece front bumper and removable front corners segmented for quick changing.

RUNNING GEAR

ENGINE

Cummins ISLe5 in line 6 cylinder Euro 5 compliant with SCR Tech.

Displacement: 8.9lt
Power: 340hp
Torque: 1500Nm
Warranty: 5 years or 430,000km

GEARBOX

ZF Ecolife 6 speed, Allison 6 speed or Voith 4 speed transmission.

REAR AXLE

ZF A Portal drive axle with four air bag suspension 13,000kg rating.

FRONT AXLES

2 ZF RL 85 A low floor axle with two airbags per axle. 8,500kg rating each.

SUSPENSION

Controlled by Bustech Active Ride system.

BRAKING SYSTEM

Wabco system incorporating ABS.

Majority of valves along with filters located in an easily accessible service bay behind rear wheels.

STEERING GEAR ZF 8098 Servacom variable ratio power steering.

WHEELS AND TYRES

6 Durabrite & 3 Satin finish alloy rims fitted with 275/70 low profile tyres.

ELECTRICAL SYSTEM 24 volt system with Thoreb multiplex system.

XDi Specifications

BODY SPECIFICATION

BODY TYPE

12.5m Ultra Low floor with a Seating capacity of 55 with one door or 55 two door with two wheel chair positions provided with 6 flip up seats and a standing capacity of up to 38 depending upon final specification.

Integrated body and chassis all 304 Marine grade stainless steel fully welded along with alloy and composite flooring and other light weight components gives it a tare weight of approximately 9,880kg with a fully loaded weight of approximately 15,990kg with 93 passengers within the 16,000 kg axle weight limit and the 18,000kg GVM.

GLAZING

Aluminium framed saloon windows and rubber keyed glass for rapid replacement, resulting in less down time, a one piece 10mm flat windscreen allowing uninterrupted drivers forward vision.

HEATING AND COOLING

As per customer choice. A/C is ducted throughout vehicle and to windscreen, along with, drivers heater demister with multi speed fan giving a mist free vision in almost any climate.

EXTERIOR PANELING

Comprising of one piece, Roof, front and rear Header, and one piece, side sheets all composite fire retarded fiber glass with an option of 'Quick Change' side skirts in either alloy or high impact ABS plastic. A three piece front bumper segmented for quick changing.

RUNNING GEAR

ENGINE

Cummins ISLe5 in line 6 cylinder Euro 5 compliant with the use of Ad Blue.

Displacement: 8.9lt
Power: 280hp – 340hp
Torque: 1055Nm – 1500Nm
Warranty: 5 years or 430,000km

GEARBOX

ZF, Allison or Voith transmissions.

REAR AXLE

ZF A 132 drive axle with four air bag suspension 13,000kg rating.

FRONT AXLE

ZF RL 85 a low floor axle with two airbag suspension 8,500kg rating.

SUSPENSION

Controlled by Wabco Ecas system.

BRAKING SYSTEM

Wabco system incorporating ABS Majority of valves along with filters located in an easily accessible service bay behind rear wheels.

STEERING GEAR

ZF 8098 Servacom variable ratio power steering with ZF drag link.

WHEELS AND TYRES

3 satin finished and 4 Durabrite alloy rims fitted with 275/70 Low profile or 11r 22.5 Highway tyres.

ELECTRICAL SYSTEM

24 volt system with conventional hard wiring or multiplex system.

Starter: 24volt
Alternator: 24 volt 220amp
Batteries: 4 x six volt on roll out battery carrier.

COOLING SYSTEM AND INTERCOOLER

Designed and manufactured by PWR to suit the Australian conditions. Mounted 'off side' for maximum efficiency.

