



**SD 12300**  
*coach / school bus*



*Australian Owned  
Australian Designed*

## WELCOME ABOARD

The efficient layout creates a spacious, cheerful atmosphere that passengers will appreciate. Carefully designed to ensure comfort and make each passenger feels like a VIP.







**Front Windscreen**

Front windshield with large curved glass gives the driver a clear and transparent vision.



**Side Mirrors**



**Roof Hatch**

Centrally located roof hatch provides an additional source of fresh air and acts as an emergency exit

## **EXTERIOR** Modern in Design and Reliability

Its concise lines not only increase the aesthetic feeling but also enlarges the interior. Modern body design ensures easy access for repairing, therefore making maintenance faster and more convenient.



**Hooper Windows** (Australian made)



**Drivers Porthole Window**



**Intergrated Air Conditioning Unit**



**Lights**

### **Monocoque Body**

Enhancing structural rigidity and providing light-weight body construction. This contributes to a reduction in vibration and better roll over protection.





## INTERIOR Excellence in Form and Function

Reflecting the modern design technology, the Coach/School Bus combines outstanding ergonomics and appearance to provide a high level of comfort for the driver and passengers.

### Instrument Panel

Logically organized gauges and controls provide the ultimate in driving convenience.



### Air Conditioning Louvers and Reading Lamps

Louvers are installed over each passenger seat and can be aimed precisely. Ducts are larger for improved air flow.



### Passenger Seat Safety Belts

Seat belts are essential safety features and are provided as standard equipment.



### Dashboard

Nice to look at and even nicer to drive. Drivers will love the wraparound style dashboard.



### Drivers Blind

These blinds block out the sun for safer, more confident driving.



### Driver Seat

Providing excellent back support, this fully adjustable seat provides comfort and is effective in helping keep the driver alert.





## COMFORT AND CONVENIENCE

A Practical and Elegant Way to Travel. There are more seating choices and options than ever before. Passengers will travel in comfort and style due to ergonomically designed seats and elegant interior atmosphere.

### In Swing Door

In swing door complements the body lines.



Radio / DVD Player with Microphone Arm



LCD Screen



Floor Mat



Reverse Camera



Straight Through Luggage Bins

Both Sides



Interior Luggage Racks Integrated perfectly with the air conditioning louvers and reading lights.



## SAFETY AND DURABILITY

### Excellence in Form and Function

Reflecting the modern design technology, the Coach/School Bus combines outstanding ergonomics and appearance to provide a high level of comfort for the driver and passengers.



#### Power Steering

Reducing the steering effort and enhances driver comfort and convenience.



#### ABS Brakes Anti-lock Brake System.

Preventing wheel lock-up during panic braking. ABS enables the driver to steer around trouble thus avoiding trouble



Cummins Engine



ZF Auto Transmission

All systems are designed for durability and reliability.

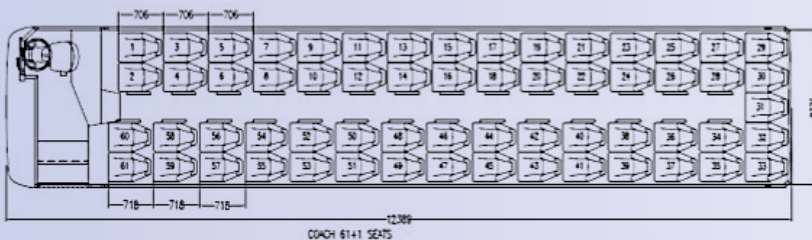




## RIDE AND HANDLING

### Gentle with advanced maneuverability.

Drivers will appreciate the responsive handling while passengers enjoy spacious, comfortable and elegant interior atmosphere.



## SPECIFICATIONS

- Suspension Driver Seat with Lap Belt
- 53-67 ADR 59 Seat Belted Seats
- Interior Luggage Racks
- Individual Reading Lights
- Australian Made Roof Hatches
- Hopper Windows – Australian Made
- Radio, CD player and Microphone Arm
- LCD Screen
- Reverse Camera
- Heat / Cool Air Conditioning
- Straight through luggage bins both sides
- Drivers Blinds
- Driver's Toll Window

# AUTOBUS SD12300 COACH/SCHOOL BUS SPECIFICATIONS

CHASSIS DIMENSIONS	
Chassis Front Overhang	2750mm
Chassis Length	12.2 metres
Chassis Rear Overhang	3450mm
Chassis Turning Circle Diameter	20800 metres
Chassis Wheelbase	6000 mm
ENGINE	
Bore and Stroke	114 x 145mm
Compression Ratio	16.6:1
Configuration	Straight 6 cylinder in line
Emissions	Euro 5
Engine Make	Cummins
Engine Model	ISLE 280
Engine Oil Capacity	27 Litres
Power hp	320
Power kW	235
Torque Nm	1350Nm
TRANSMISSION	
Automatic Transmission Description	6 forward and 1 reverse gear with integrated retarded electronic control unit
Automatic Transmission Make	ZF
Automatic Transmission Model	Ecomat 4 - 6hp 504C
Manual Transmission Description	NS
Manual Transmission Make	NS
Manual Transmission Model	NS

FUEL SYSTEM	
Fuel Capacity	300 litres
Fuel Type	Diesel
AXLES	
Front Axle Description	Low beam front mount 8500 kg
Front Axle Make	ZF
Front Axle Model	RL-85A
Rear Axle Description	Hypoid single reduction drive 12000 kg
Rear Axle Make	ZF
Rear Axle Model	A132
SUSPENSION	
Front Suspension Description	ZF 2 x airbag suspension with heavy duty double acting shock absorbers
Rear Suspension Description	ZF 4 x airbag suspension with heavy duty double acting shock absorbers
BRAKES	
EBS	WEBCO ABS System
Service Brakes	Disc brakes to all four wheels, WEBCO ABS
CLUTCH	
Clutch Description	NS
Clutch Diameter	NS
Clutch Model	NS
Clutch Type	NS

ELECTRONIC SYSTEMS	
Alternator	175 amp
Batteries	2 x 200 A/H
Electronic Options	EGAS Air Sup.
Starter	Standard
WHEELS AND TYRES	
Tyre Size	295/80
Wheel Type	Continental
SEATING	
Fixed Coach	No
Metro	Not Supplied
Recliners	No
SEATING OPTIONS	
Seatbelts	Yes
Seating Make	NS
Seating Model	NS
STORAGE	
Internal Luggage Bins	Yes
Side Bins	Yes
Thru Bins	Yes
AIR-CONDITIONING	
Air-Conditioning Make	NS
Air-Conditioning Model	NS
Air-Conditioning Standard	Yes

BODY SPECIFICATIONS	
Body Material	Aluminium
Frame Material	Ultragal
No of Doors	1
Passenger Capacity	57 to 67
Seating Capacity	57 to 67
BODY DIMENSIONS	
Body Floor Height	Up to 1,600mm
Body Height	3.4 metres
Body Length	12.5 - 13.5 metres
Body Weight	1,1500 kg
Body Width	2.5 metres
BODY OPTIONS	
CD-PA-Radio	Yes
DVD-TV	Optional
Individual AC Vents	Yes
Individual Reading Lights	Yes
Other Body Options	School Lights
Reverse Camera	Yes
Toilet	No
Wheelchair Lift Access	Optional

\* In order that product improvement may be introduced at any time, specifications are subject to change without prior notice.



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