

ENVIRO400

Innovation with Style



**ALEXANDER
DENNIS**

Innovation with Style

A stylish and attractive design, low cost of operation and a host of passenger-friendly features combine to make Enviro400 Britain's definitive double deck bus.

Massively popular with operators large and small, thanks to Enviro400's unique combination of innovation, style and seating capacity, it is available in single or dual door specifications with a wide range of interior options - and is fully compliant with ECWVTA legislation.

Enviro400 is optimised as an integral design with a 100% ADL chassis and body combination but is also fully engineered as a body solution for alternative chassis options.

The range also includes the diesel-electric Enviro400H, now firmly established as Europe's most popular hybrid bus.

- A stylish double deck that enhances the image of any fleet
- An attractive and welcoming interior with best-in-class seating
- A leader in the UK and now making an impact in overseas markets
- More customer choice with a range of overall lengths, seating and door layouts and a wide number of customer interior and mechanical options
- Excellent access with large entry door, super-low entry, wide gangway and step-free flat floor
- Powerful, economic six-cylinder Cummins EEV engine
- Choice of Voith or ZF automatic transmissions
- Hybrid drive option with circa 30% fuel and CO₂ reductions
- Maximum seating capacity combined with excellent passenger comfort
- A technically advanced, proven and reliable bus with lower overall operating costs
- Easy access for low cost servicing & repair
- Backed by the unswerving commitment of ADL's famous customer support operation.



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Style with Strength

Its unmistakable style makes the Enviro400 instantly recognisable, giving it real street presence. It's based on Alexander Dennis's proven frame and panelling system. This minimises weight, maximises fuel efficiency and provides durability and ease of repair.

Spacious and versatile interior with better access

Enviro400's interior has a stylish look and outstanding practicality - more seats and features than comparable buses. It's welcoming and bright, featuring modern colours, textures and shapes, with a wide choice of finishes and features. Careful attention to packaging makes best use of space without compromising passenger legroom and comfort. Enviro400 features a wide entry fully compliant with ECWVTA legislation, no steps and a gently sloping floor with wide gangway through most of the lower saloon.

Driving pleasure

The driver benefits from an attractive and ergonomically designed compartment, with fully adjustable seat, steering column and instrument binnacle. Other features include a colour Vehicle Information Centre monitoring all software and running data as well as providing a rapid access portal for the vehicle's diagnostics.

Body and chassis

The chassis has been developed in concert with the body, ensuring a seamless interface between the two technologies. It has exceptional manoeuvrability, a reputation for reliability, durability and low cost of operation. The powertrain is laid out to provide excellent access for routine servicing and maintenance, minimising downtime, and uses the ever-popular Cummins six-cylinder engine, with SCR EEV emissions technology. Using only premium transmission components, the Enviro400 promises years of reliable service.

Better reparability

Lower cost of operation has been achieved through attention to detail. Notable examples include the use of a quickly detachable nearside front chassis member and body panels, or the revolutionary fuel tank. Shaped to parallel the stair profile, it allows efficient body packaging, yet is more accessible for maintenance than a conventional tank.



The sky's the limit for Enviro400 open top tourist buses

There's no limit to the unique views passengers can enjoy from the top deck of the Enviro400 open top tourist bus.

Derived directly from the Enviro400 city bus - it's a purpose designed tourist vehicle sharing the same standards of durability, maneuverability, serviceability and passenger facilities. A compact 11m in length, it can carry 80 seated passengers, with 51 on the upper deck. It's economic to buy and operate yet will stand up to the stop-start rigours of intensive city centre tourist duty.

Hybrid tourist bus

An innovative tourist double deck is the latest addition to ADL's best-selling range of hybrid-electric buses. Designed to provide exceptionally low emissions and fuel economy combined with all the style and utility of a pace-setting tourist vehicle, the Enviro400H hybrid is raising the stakes for tourist operations around the world.



Fuel Savings & Emission Reductions from Proven Hybrid Technology

The Enviro400H combines all the benefits of a standard diesel vehicle with Alexander Dennis hybrid technology - reducing fuel consumption and greenhouse gas emissions by over 30 per cent.

The breakthrough technology derives from a pioneering partnership between ADL and BAE Systems. It is the result of a far-reaching and meticulous development programme involving hundreds of millions of miles of in-service trials and operations. As a result ADL is now leading the way with this revolutionary technology and is now Europe's leading supplier of hybrid buses.

ADL hybrids are available today as standard production options. They offer proven and reliable technology that integrates seamlessly into any fleet.

The Enviro400H uses a revolutionary hybrid solution designed specifically for buses and brings together cutting-edge innovation with familiar engine, powertrain and axle units. Importantly, the Enviro400H's lithium ion batteries do not need mains recharging during their extended life cycle, providing the ideal solution for operators seeking the ultimate in greener, cleaner buses.



World class customer support

ADL is committed to supporting the Enviro400 - like all products - to the highest level, ensuring that they return maximum operational revenue with minimum downtime.

ADL employs a team of 300 people dedicated to aftermarket support.

Skelmersdale in North West England is at the heart of ADL's worldwide parts and service operation. This 50,000ft² facility carries a £15 million inventory of parts - 30,000 parts lines, with 2,000 lines shipped every day. At 96% 'first pick', parts availability sets the standard for the industry.

There is a single point of contact for all parts and service enquiries through a sophisticated UK based call centre staffed by fully trained and knowledgeable personnel. Next day parts delivery is guaranteed in the UK, while 24-hour service support is provided by a team of highly skilled engineers located throughout the country, providing swift response to service needs from their fleet of mobile workshops.

There's a whole range of fixed price service and parts contracts available, each tailored to the exact needs of the customer, including fixed price parts packages running from 1 to 10 years.

Single Point of Contact Call 0845 358 9988





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Alexander Dennis' policy is one of continuous development. The right is reserved to change specifications of the models and items described. For the latest details always consult Alexander Dennis. 09/11