

ENVIRO500

Berlin



The **Alexander Dennis Enviro500** provides efficient, comfortable, high passenger capacity transport on a compact road footprint. Alexander Dennis has used its global expertise as the world's leading manufacturer of double deck buses, with over 18,000 in service around the world, to adapt the best-selling Enviro500 to the requirements of bus services in the German capital.

With three doors and staircases at the front and rear of the bus, the Enviro500 for Berlin allows passengers to move around the vehicle easily. A novel LED interior lighting concept reacts to outside air temperature with a change in colour tone, assisting passengers' subjective thermal comfort in addition to full air-conditioning.

Vehicle type	High capacity double deck city bus
Construction	Welded steel chassis and aluminium body
Dimensions	13,798mm length / 2,550mm width / 4,060mm height
Overhangs / Wheelbase	3,000mm front and 3,373mm rear overhang / 5,925mm and 1,500mm wheelbases
Manoeuvrability	23,072mm turning circle
GVW / UW	26,000kg / 16,400kg
Passenger capacity	80 fixed seats (25 lower deck, 55 upper deck) and 3 tip-ups / 32 standees / 112 total capacity
Standing height	1,938mm lower deck, 1,694mm upper deck
Accessibility	2 wheelchair spaces accessed via manual ramp at centre door
Climate system	Full Thermo King TDD-S air conditioning and Spheros auxiliary heating
Engine	Mercedes-Benz OM936, 6 cylinder, 7.7 litre, 260kW (354PS), Euro 6d
Transmission	Voith DIWA.6
Fuel and AdBlue tanks	360l fuel tank / 25l AdBlue tank
Axles	ZF RL75A front axle / ZF AV133 drive axle / ZF RL75A tag axle, actively steered with Bosch eRAS
Tyres	305/70 R22.5