

HYDROGEN BUSES ON TOUR

The vehicle was tested in June by Wiener Linen as part of the demo tour organized by Solaris in Europe. To date, 57 units have been ordered

The tour of Solaris Urbino hydrogen is continuing in Europe. After Poland, Germany and Italy, the vehicle stopped in Austria last June where it was tested for a week by Wiener Linen, the public passenger transport operator of Wien.

It's no coincidence given that the Austrian capital is a pioneer of electric mobility. It was in fact one of the first in Europe to have introduced electric buses to regular service.

Solaris has been present in Austria since 2003 and has delivered nearly 400 buses to 40 cities, 53 of which are in Wien and its outskirts.

The Urbino 12 hydrogen is the latest product in the Solaris range. Launched in June 2019 at the UITP Global Public Transport Summit in Stockholm, it is equipped with a 70 kW fuel cell.

The hydrogen is stored in gaseous form in five new-generation tanks mounted on the roof of the bus. They are a set of type 4

composite tanks mounted longitudinally above the first axle which has a maximum volume of 1,560 liters. The hydrogen is turned into electricity which, in turn, directly feeds the driveline which consists of an axle with a pair of electric motors and a power

output of 125 kW each. The bus is also equipped with a Solaris High Power battery which acts as an additional electric power storage facility.

The sole by-products generated during vehicle operation are heat and

steam. As for the range, according to the manufacturer, the Urbino 12 hydrogen can travel up to 350 km.

«This vehicle has met huge interest among customers» said Solaris Bus & Coach. «Up to now, the hydrogen-powered Urbino 12 has been awarded orders from the Netherlands, Germany and Italy for a total of 57 units. The first buses will be delivered to Bolzano, Cologne and Wuppertal by the end of the year».



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