



THE WORLD'S FIRST 100% ELECTRIC REFUELLER BUILT BY TITAN AVIATION

On April 13, 2021, the TITAN-eRR20, the world's first 100% electric refueller, will be commissioned at Le Bourget Airport where it will be operated by TOTAL. A major innovation for the decarbonisation of airport operations, this zero-emission refueller was designed and manufactured by TITAN AVIATION.

For TITAN AVIATION, the electrification of refuelling solutions is an essential step in its commitment to reduce CO2 emissions at airports. With the introduction of the TITAN-eRR20, the family-owned company confirms its role as a leader in the sector and its desire to offer ever more innovative, safe and efficient solutions, supporting the aviation industry and the drive for a greener recovery.

The TITAN-eRR20 is designed on a PVI electric chassis, a subsidiary of the RENAULT Group, specifically adapted for refuelling operations by TITAN AVIATION. Its electric refuelling system can deliver more than 100,000 litres of kerosene or biofuel in a single charge, at a flow rate of 55 m3/h and its battery can be recharged in just 5 hours. The TITAN-eRR20 is also equipped with the EZ CONTROL® digital refuelling interface, which guides the user through every step of the job, facilitating maintenance and optimising operational safety.

"It is our role, as a French manufacturer in the aeronautical sector, to actively participate in the reduction of CO2 emissions in airports and to offer our customers concrete solutions. Innovation has always been part of our DNA, the electrification of our solutions was a logical next step, and we are not going to stop there..." says Laurent POURPRIX, Managing Director of TITAN AVIATION.

Next steps...

The company is working on a hybridization kit for diesel refuellers currently in operation in order to electrify their refuelling system and eliminate the use of their diesel engine during refuelling. A 100% electric hydrant dispenser, the TITAN-eHD150, will also be commissioned at Amsterdam Schiphol International Airport by the summer. Delivery of the TITAN-eSPR35, a large capacity (35 to 65,000 litres) fully electric, ultra-ergonomic refueller, is scheduled for early next year. Hydrogen versions are also under consideration.

"The advantages of the electric refueller are obviously the reductions in CO2 emissions, but also the improvement in working conditions for our operators with an improvement in ergonomics of the cabin and the flexibility of use of the vehicle."

Joël BOITEUX, TOTAL



ABOUT US TITAN AVIATION, a subsidiary of the POURPRIX GROUP, has been designing and manufacturing civil and military refuelling solutions for over 60 years. With over 6,000 pieces of equipment in operation, our products and services are recognised by the world's leading oil companies, refuelling operators and armed forces. Over 80% of the company's turnover comes from exports and around 30% from the defence sector. We work closely with our customers to develop specific solutions. We offer a wide range of products to meet all operators' needs: all-capacity aircraft refuellers, hydrant dispensers, refuelling stations, fuel depots, etc.

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> MORE INFORMATION