

STREETDECK FCEV | HYDROLINER 2.0



Accessibility

- 1 or 2 door option available
- Wheelchair compliant via electronic or manual ramp
- PSVAR2000 compliant with no step between front & rear axle

Axle

- Front axle – ZF RL 82 EC
- Rear axle – ZF AV133
- Axles are common across zero-emission products

Dimensions (MM / 10.9, 11.5)

- Height: 4,395
- Length: 10,985
- Overhang front: 2,607
- Overhang rear: 2,898
- Wheelbase: 5,480
- Width: 2,520

Drivers & Passenger Saloon Seating

- Range of Seat Models available to include option of seat belts for both driver and passengers

Electric Traction

- Voith VEDS MD 250kW
- Common across zero-emission products
- Torque – 2,850Nm
- Max Speed – 2,850rpm

Fuel Cell Module

- Ballard FCmove®-HD 111B-FS
- 70kW Net Power

Gross Vehicle Weight

- 19,500kg

Hydrogen Safety

The StreetDeck Hydroliner 2.0 adheres to all industry safety standards and has successfully tested the vehicle on and not limited to the following:

- Accelerated Stress Rupture Test
- Extreme Temperature Pressure Cycle Test Hydraulic Test
- Hydrogen quality is aligned to ISO14687 or SAE Specification
- Penetration Test, Chemical Exposure and Composite Flaw Testing
- Storage Tank Testing

Hydrogen Storage

- 27kg – 1,120 litres
- Filling Pressure: 350Bar

Legislative Compliance

- Certified to NSSTA requirements

Optional Specification Items

Optional spec features include but not limited to the following:

- Air conditioning (drivers cab)
- Air conditioning (passenger saloon cab)
- Branch deflectors
- CCTV
- Digital tachograph
- Drivers cab assault screen
- Fire suppression system
- Livery
- Luggage racks
- Mirror eye
- Seat belts
- Seating model options
- Staircase glazing
- Ticket bin
- Tyre brand options
- USB Points
- Wi-Fi

Passenger Capacity

- Maximum capacity: 90
- Max seated capacity: 69
- Max standing capacity: 24

Refuel Time

- Under 8 minutes

Safety & Support

- Daytime running lights as standard
- Ergonomic drivers area (ISO compliant)
- Enhanced front end for Vulnerable Road User protection
- AVAS
- High centred mounted rear brake lights
- Standard reversing alarm
- Access to Wrightbus parts & service

Vehicle Energy Consumption

- 5.6kg / 60 miles

Vehicle Range

- Up to 293 miles

Wheels & Tyres

- 275 / 70R x 22.5 Tubeless Tyre
- Choice of either Bridgestone, Continental, or Michelin



Water the only by-product



Fast refueling time



Improved air quality

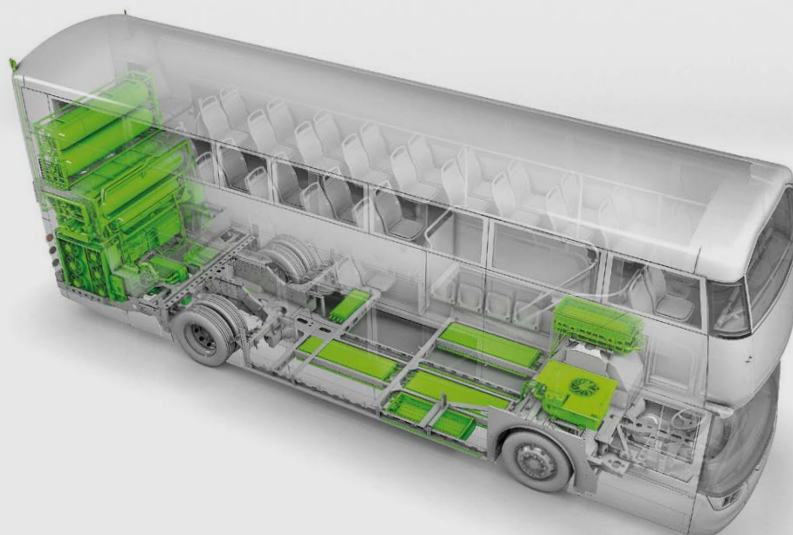


Hydrogen produced with renewable energy

GB KITE DF FCEV | **HYDROLINER 2.0**

Shaping the future since 1946

The first and best in the world
– 16 years of hydrogen bus manufacturing. Over 3,000 Zero-emission buses in operation. Over 100,000,000 emission-free miles covered.



A UK Success Story

Wrightbus employs over 2,300 people in its factory in Northern Ireland and across the UK. The UK suppliers employ more than 7,500 people in 47 counties across the UK, making Wrightbus a British product with over 71% of the components coming from UK/EU suppliers.



UK supplier, UK green jobs