

KITE DF FCEV | HYDROLINER 2.0



Accessibility

- 1 or 2 door option available
- Wheelchair compliant via electronic or manual ramp

Axle

- Front axle – ZF RL 82 EC
- Rear axle – ZF AV 133

Battery System

- Microvast x2 MV – C Modules
- 54kWh Capacity

Dimensions (MM)

- Height: 3,380
- Length: 12,165
- Overhang front: 2,850
- Overhang rear: 3,480
- Wheelbase: 5,835
- Width: 2,500

Drivetrain

- Voith VEDS MD 250kW
- Torque – 2,850Nm
- Max. Speed – 2,850 rpm

Fuel Cell Module

- Ballard FCmove Gen 8
- Freeze start enabled
- 70kW Fuel Cell Module.

GVM

- 18,000kg

Hydrogen Safety

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

- Accelerated Stress Rapture 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

- Filling Pressure: 350 Bar.
- Hydrogen Storage utilizing a 5 Cylinder configuration – 40kg

Legislative Compliance

- European Whole Vehicle Type Approval
- Certified to NSSTA requirements

Optional Specification Items

Wrightbus are able to offer a range of specification items that include but not limited to:

- Additional Hydrogen Storage Tanks
- Alloy Wheels
- Camera Mirror Systems
- CCTV Systems
- Destination Equipment and Next Stop Announcement Systems
- Drivers Cab Air Conditioning
- Fire Suppression Systems
- Range of seating models available which include seat belts for both driver and passengers
- Telematics
- VRU frontal crash worthiness – pedestrian impact safety
- Wi-Fi

Passenger Capacity

- Maximum capacity: 79
- Max seated capacity: 41
- Max standing capacity: 41

Refuel Time

- Fully refuelled in under 15 minutes

Vehicle Range

- 40kg Stored Hydrogen – approximately 900km

Wheels & Tyres

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



Water the only by-product



Fast refueling time



Improved air quality



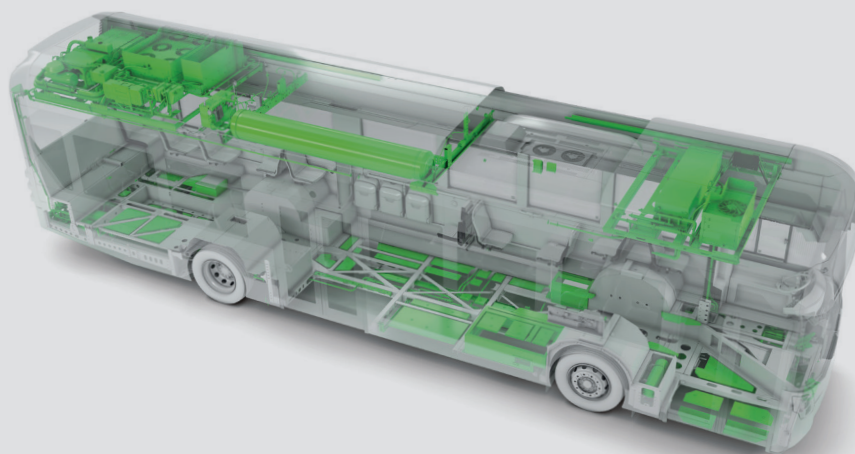
Hydrogen produced with renewable energy



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 200 million emission-free kilometres covered.



Wright across the World

• Transformation in UK • Global roll out • Broader product portfolio • Committed to excellence

