

KITE DF FCEV | HYDROLINER



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 / 10.9 / 11.6 / 12.5)

- Height: 3,380 / 3,380 / 3,380
- Length: 10,947 / 11,667 / 12,469
- Overhang front: 2,952 / 2,952 / 2,952
- Overhang rear: 2,648 / 2,648 / 3,450
- Wheelbase: 5,347 / 6,067 / 6,067
- Width: 2,520 / 2,520 / 2,520

Fuel Cell Module

- Ballard FCmove
- Option of 70kW or 100kW Fuel Cell Module.

Gross Vehicle Weight

- 19,500kg

Hydrogen Storage

- Filling Pressure: 350 Bar.
- 32kg stored Hydrogen via a 4 Cylinder Tank configuration
- Hydrogen Storage utilizing a 5 Cylinder configuration – 40kg
- Hydrogen Storage utilizing a 7 Cylinder configuration – 50kg

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

Legislative Compliance

- European Whole Vehicle Type Approval
- VDV Compliant



WATER THE ONLY BY-PRODUCT



FAST RE-FUELLING TIME



IMPROVED AIR QUALITY



HYDROGEN PRODUCED WITH RENEWABLE ENERGY

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 & 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
- Wi-Fi

Passenger Capacity

- Maximum capacity: 88 / 85 / 82
- Max seated capacity: 37 / 41 / 45
- Max standing capacity: 57 / 50 / 43

Refuel Time

- Fully refuelled in under 8 minutes

Vehicle Range

- 32kg stored Hydrogen – approximately 720km of range

Wheels & Tyres

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