

MODEL
579 HFC



Zero
Emissions
Vehicle

M O D E L 579_{HFC}

Introducing the Model 579 Hydrogen Fuel Cell Vehicle (HFC), a new addition to the most complete lineup of zero emissions vehicles in the industry. Peterbilt has partnered with worldwide fuel cell leader Toyota to deliver the most advanced Class 8 fuel cell powertrain. The Model 579HFC provides a zero emissions truck with dependable performance for applications requiring extended ranges.

The 579HFC features a fuel cell drive stack powered by a fusion of hydrogen and oxygen; hydrogen is stored in six on-board cylinders located back of cab. The fuel cell is designed to power the vehicle and recharge the batteries within the propulsion system. At the same time, additional battery recharge occurs from the regenerative braking system. Both systems optimize battery charge for superior vehicle performance and efficiency.

The 579HFC is designed for mid-to-long-range regional routes with an impressive range of up to 450 miles and a quick 30 minute refuel time, making the 579HFC an ideal solution for longer range zero emission applications.



TECHNICAL SPECIFICATIONS

- Range – Up to 450 Miles
- Estimated Refuel Time – 30 Minutes*
- GCWR – 82,000 lbs.
- Total eMotor Power – 415 HP
- Hydrogen Storage – 60 kg**
- Battery Storage – 200 kWh

* Refuel time dependent on refueling equipment and temperature conditions

** Approximate maximum fuel capacity

