

H2 Logic launches next generation H2 refueling station; 3x capacity, 1/3 the footprint

18 April 2016, <http://www.greencarcongress.com/2016/04/20160418-h2logic.html>

Logic A/S (H2 Logic), a subsidiary of NEL ASA (NEL), launched the H2Station CAR-200, a hydrogen refueling station (HRS) that triples the fueling capacity while reducing the footprint to one-third of the current generation.

CAR-200 features a new dispenser designed solely for hydrogen fueling. With the size of only one-third of a conventional dispenser it can be placed right next to gasoline.

CAR-200 provides a peak rush-hour capacity of up to 100 kg in 3 hours on one fueling hose—similar to that at conventional gas stations, enabling a flexible scaling of capacity as demand grows. Storage can be dimensioned to address a daily fueling demand of up to 200 kg per day and any hydrogen supply configuration.

The CAR-200 builds on the operational legacy of the former CAR-100, which is used in multiple countries across Europe and has a documented high performance with close to 99% availability.

The station is designed for lean volume manufacturing at the world's largest factory for hydrogen refueling stations. When ramp-up and plant optimization is complete, the facility will have a name-plate production capacity of up to 300 refueling stations per year, sufficient for refueling 200,000 new fuel cell electric vehicles annually.

The new CAR-200 dispenser can be located up to 50 meters away, which enables flexible integration of hydrogen alongside other fueling products, even at very compact sites. The new refueling station can be supplied by centralized hydrogen production delivered by truck, as well as onsite production of hydrogen, enabling NEL to deliver a complete solution to the customer.

—Jacob Krogsgaard, CEO, H2 Logic

Delivery of CAR-200 to the first customers will commence during the second half of 2016.



CAR-200 dispenser.

<http://h2logic.com/h2-logic-to-supply-hydrogen-fueling-station-for-h2-mobility-germany/>