



XCIENT Fuel Cell

The Pioneer for a Greener Future. World's First Mass Produced Heavy Duty Fuel Cell Truck.

As of March 2023, XCIENT Fuel Cell trucks have logged over 6 million km (3.7 million miles) in Switzerland alone, proving itself as a reliable carbon zero solution for trucking.

XCIENT Fuel Cell requires less down time, since charging Hydrogen is quick and efficient, and the stack system generates electricity while in operation.

Meanwhile, the only byproduct of fuel cell electric vehicles is pure H₂O, and it also cleans the air of particulate matter as it operates.

XCIENT Fuel Cell is good news for our planet and for your business.



Noise, vibration and overall harshness in driving a capable Class 8 tractor is a thing of the past, along with the smell of diesel and exhaust.

Specification

XCIENT Fuel Cell Tractor	
Cab Type	Day Cab
Configuration	6x4
Dimensions	
Wheelbase	223 inch
Overall Length	346 inch
Overall Width	102 inch
Overall Height	161 inch
Weight	
Gross Combination Weight	82,000 lbs
Powertrain	
Fuel Cell Stack	180 kW (2 x 90 kW each)
Battery	72 kWh (3 x 24 kWh each)
Motor / Inverter	350 kW / 1,650 lbf-ft
Transmission	5-Speed Automatic Transmission
Hydrogen Tanks	
Filling Pressure *	700 bar
Capacity	68.6 kg
Performance	
All-Electric Range (AER)	450 miles with full load



The Cab-over truck brings distinct advantages for drivers. Benefits include better front visibility, with minimized blind spots to the front of the vehicle, also contributing to ease of maneuvering in complex conditions.

* Capable of refuel from 350 bar pressure hydrogen stations.

