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## Hydrogen and Fuel Cell Photo Gallery 2002 (Hannover Fair)

Article by : Lawrence Tse

The following is our latest collection of photos from the Hannover Fair 2002, showing the latest hydrogen and fuel cell technologies:

### Hydrogen vehicle



The BMW Hydrogen 7 Series IC Engine Car



The BMW Hydrogen 7 Series IC Engine (135KW power output)

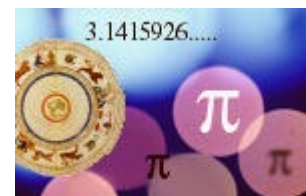
### Fuel Cell vehicles

## Careers Guide



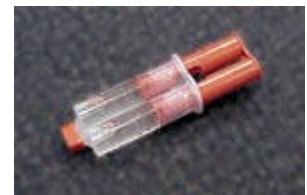
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Opel (General Motors) HydroGen3 Fuel Cell Car



Peugeot Prototype Fuel Cell Cab

#### Fuel Cell Go-kart and its components



A fuel cell go-kart



Ballard fuel cell stack of go-kart

Vision Engineer

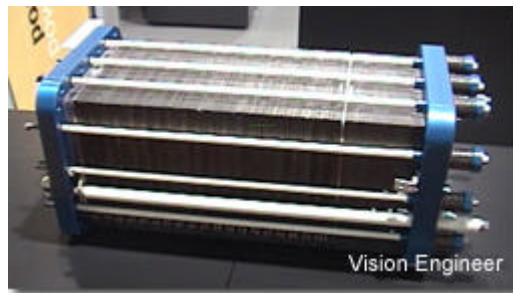


Fuel storage tank for fuel cell go-kart

### Fuel Cell Components



A very thin fuel cell



Ballard Fuel Cell stack MK5



Ballard Fuel Cell stack MK7

### Fuel storage for fuel cell

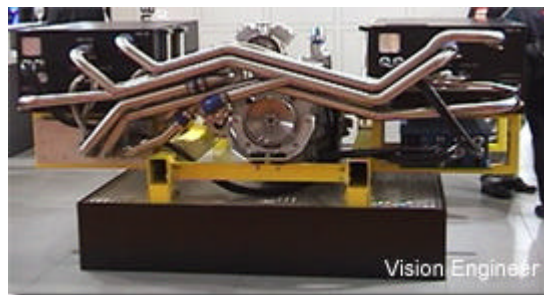


Metal alloys for hydrogen "capturing" and storage

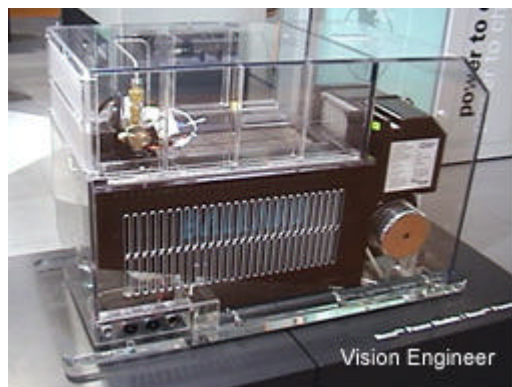


Hydrogen storage containers (with metal alloys inside)

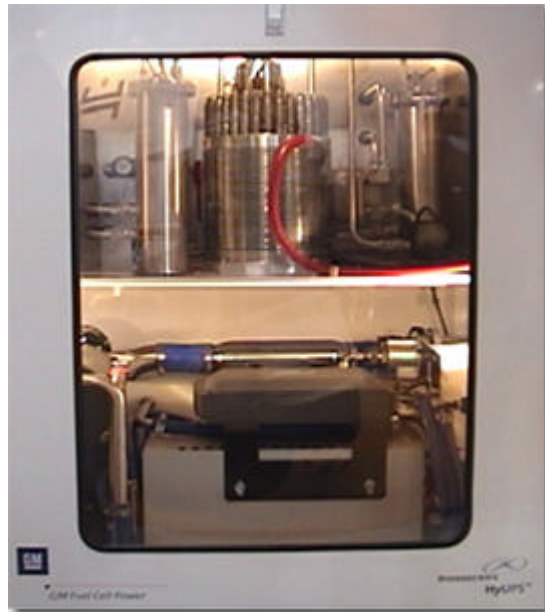
### Fuel Cell systems



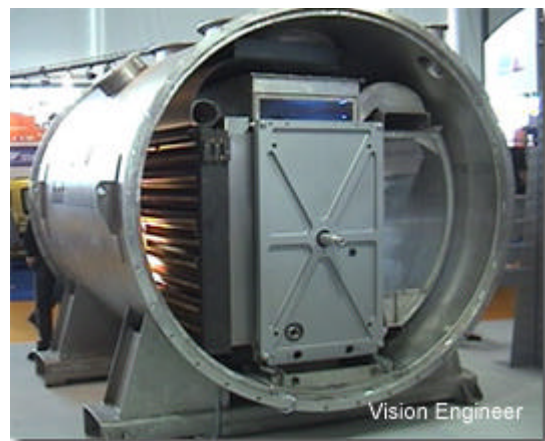
Ballard Xcellsis HY-205 heavy duty fuel cell engine for buses



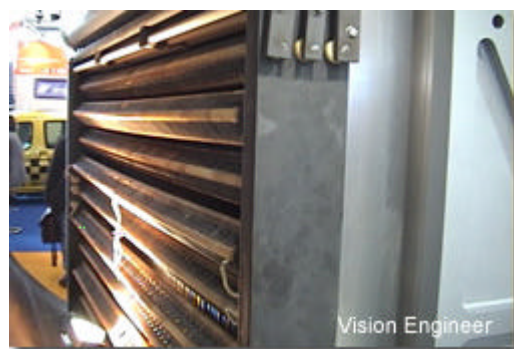
Ballard Nexa (1.2kW) for emergency power supply and portable applications



The General Motors fuel cell system for auxiliary power supply



MTU (Daimler Chrysler) HotModule HM 300 fuel cell (280kW) for stationary applications

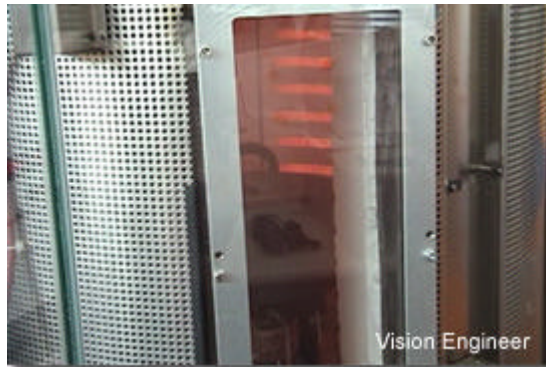


Close up showing fuel cell stacks in the MTU HotModule

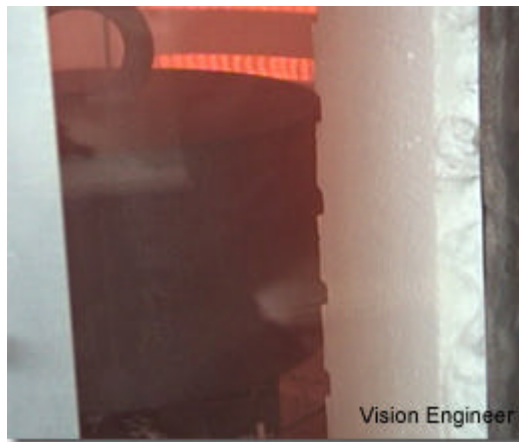
**The German Institute for Technical Thermodynamics  
Tubular Solid Oxide Fuel Cell**



The furnace containing the fuel cell



The interior of furnace



Close up of the furnace interior

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