

HYZON



The Hyzon logo consists of the letters H, Y, Z, O, and N in a stylized, blocky font. The 'Y' and 'Z' are connected at the top, and the 'O' is a square with a smaller square inside it. The letters are blue.

Zero Emissions
Zero Compromise

Hyzon Motors is leading the transition to zero emissions, with an unwavering mission to decarbonize heavy transport through hydrogen-powered, fuel cell electric vehicles.

On the road, today

Hyzon's emissions-free technology is already implemented in hundreds of vehicles internationally. We serve multiple industries with superior technology designed for heavy vehicles, extensive on-the-road experience, and access to cost-effective hydrogen through a portfolio of providers.

**Zero emissions,
zero compromise**

Hyzon vehicles offer similar payloads, performance, and refueling time to diesel - and water vapor is the only byproduct. We provide end-to-end solutions to help operators transition their fleets without having to modify daily operations.

Peak power

We offer zero-emissions options for the most demanding applications, including ultra-heavy freight, construction, refuse collection, perishable deliveries, and public transit. It's all done without challenging the already strained electricity grids - in the United States and around the world.



HYZON CLASS 8 FUEL CELL ELECTRIC TRUCK (FCET 8)

Specifications Hydrogen Electric powertrain*:

- Electric motor power	320 kW (429 hp) continuous, 450 kW (603 hp) peak
- Electric motor torque	1,180 lb-ft continuous, 1,770 lb-ft peak
- High voltage battery energy	110 kWh
- Powertrain voltage	700 Volt
- Maximum speed	Governed at 55 mph (per customer request, 75 mph capable)
- Fuel cell power	120 kW
- Amount of hydrogen	50-70 kg
- Working pressure cylinders	350 bar
- Typical driving range	375-500 mi

Chassis summary:

- Chassis OEM	Freightliner Cascadia 116" Day Cab P4
- Chassis length	308.19"
- Chassis width	97"
- Chassis height	136"
- Wheelbase	200"
- Front axle and brakes	Meritor w/ WABCO MAXXUS Air Disc
- Rear axle and brakes	Meritor w/ WABCO MAXXUS Air Disc
- Front and rear tires	295/75R22.5 Bridgestone Ecopia
- Lights	LED Headlights and Taillights
- Vehicle warranty	1 year full vehicle warranty; 2 year/200,000 mile powertrain warranty

Vehicle Intelligence:

- Backup alarm	Preco/Ecco 1040 87 decibels to 112 decibels auto-adjust
- Collision avoidance	WABCO OnGuard collision warning, adaptive cruise control and collision mitigation
- Blind spot detection	BENDIX side object detection system
- Lane guidance	BENDIX (ITERIS) Gen 3 lane guidance system with 15 minutes off timeout
- Stability	Electronic stability control
- Dispatch	OMNITRACS ready



HYZON CLASS 6 FUEL CELL ELECTRIC TRUCK (FCET 6)

Specifications Hydrogen Electric powertrain*:

- Electric motor power	320 kW (435 hp) continuous, 450 kW (612 hp) peak
- Electric motor torque	1,327 lb-ft continuous, 1,770 lb-ft peak
- High voltage battery energy	55 kWh
- Powertrain voltage	600 Volt
- Maximum speed	Governed at 65 mph
- Fuel cell power	100 kW
- Amount of hydrogen	40 kg
- Working pressure cylinders	350 bar
- Typical driving range	350 mi

Chassis summary:

- Chassis OEM	Freightliner M2 112" BBC Flat Room Day Cab
- Box dimensions	To be determined by customer
- Wheelbase	230"
- Front axle and brakes	Meritor EX-L Air Disc
- Rear axle and brakes	Meritor EX-L Air Disc
- Front and rear tires	295/75R22.5 Bridgestone Ecopia
- Lights	LED Headlights and Taillights
- Gross Combined WR	30,000 lb
- Vehicle warranty	1 year full vehicle warranty; 2 year/200,000 mile powertrain warranty

Vehicle Intelligence:

- Backup alarm	Preco/Ecco 1040 87 decibels to 112 decibels auto-adjust
- Collision avoidance	WABCO OnGuard collision warning, adaptive cruise control and collision mitigation
- Blind spot detection	BENDIX side object detection system
- Lane guidance	BENDIX (ITERIS) Gen 3 lane guidance system with 15 minutes off timeout
- Stability	Electronic stability control
- Dispatch	OMNITRACS ready



HYZON PASSENGER COACH

Hydrogen Electric powertrain:

- Power electric motor	195 kW continuous
- High voltage battery capacity	141 kWh
- Fuel cell power	80 kW continuous
- Amount of hydrogen	35 kg
- Hydrogen working pressure	350 bar
- Typical driving range	250 mi

Chassis summary:

- Chassis Style	President 2 1400 JXK6127CFCEVR
- Chassis length	407"
- Chassis width	98"
- Chassis height	150"
- Wheelbase	248"
- Front overhang	103"
- Rear overhang	135"
- Front suspension	Air suspension with raise, lower and kneel functionality
- Rear suspension	Air suspension
- Front axle	ZF IFS RL75E
- Rear axle	ZF A133
- Front and rear tires	Michelin X-Multi Coach 295/80 R22.5
- Braking	Dual Circuit, Regenerative Braking, Spring Parking Brake with Anti-Lock Braking and Electronic Braking
- Steering	Bosch Power Steering
- Transmission	Direct drive
- Adaptive cruise control	Included with FCW and AEBS*1
- Lane departure warning system	Included
- Telematics System	Available on order
- Air Conditioning	37 kW Valeo REVO-E, Passenger and Driver

*1 Forward Collision Warning and Advanced Emergency Braking System

Hyzon is constantly upgrading its vehicle design to use the best technology for the application.

Hyzon Motors reserves the right to modify the specifications or projections in this document at any time.

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Vehicle Certification

All Hyzon vehicles are manufactured to FMVSS global standards and undergo thorough factory quality control before delivery. All Hyzon vehicles are also tested for electromagnetic compatibility to guarantee the safety of the electrical system.

HYZON MOTORS Services

Leasing

Hyzon plans to offer leasing service for its vehicles so customers can choose what suits their business best.

Service & Maintenance

Hyzon uses service partners to ensure that our vehicles can be maintained and serviced close to client operations.

Helpdesk

Hyzon's helpdesk for vehicle questions and reporting issues can provide quick support to our clients for maximized vehicle uptime.

Online Cloud Data Logger

All Hyzon vehicles come equipped with an online cloud data logger so that vehicles can be monitored remotely. Maintenance requirements can also be predicted so that our clients experience as little down time as possible with their hydrogen powered vehicles.

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