

April 26, 2018

Iwatani Opens the Commercial Hydrogen Refueling Station, the First in Okayama Prefecture

Reduces construction costs with packaged equipment and saves space

Iwatani Corporation (Head Offices: Osaka and Tokyo; President: Mitsuhiro Tanimoto; Paid-in Capital: 20 billion yen) opened Iwatani Hydrogen Refueling Station in Okayama-Minami, located in Minami-ku, Okayama-shi in Okayama Prefecture, on April 26. The station is the first commercial hydrogen refueling station in Okayama Prefecture.

For this stationary-type hydrogen refueling station, Iwatani has employed a system that arranges major equipment into units and offers them as a single package. This approach allows for a reduced installation footprint and reduces construction costs by limiting the on-site construction required. Additionally, future increases in vehicle filling volume linked to the widespread uptake of fuel-cell vehicles can be handled by increasing compressed hydrogen storage capacity.

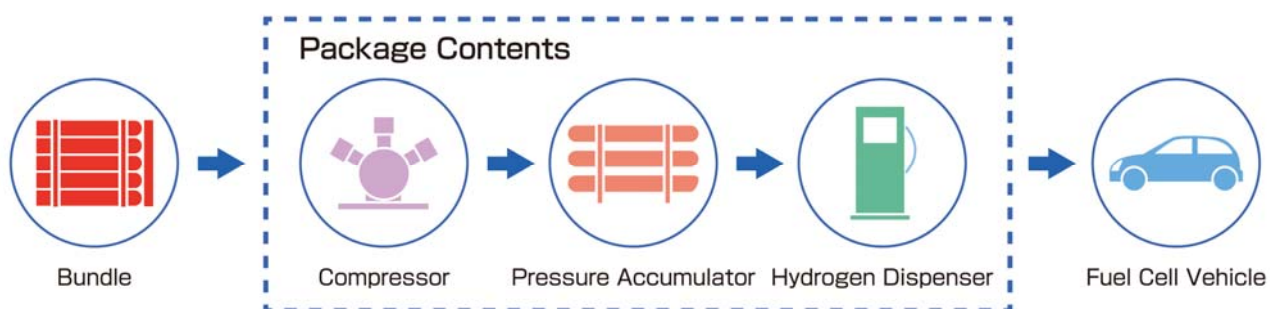
Including the latest opening, Iwatani has to date constructed hydrogen stations in 23 locations across Japan, but it regards the Okayama-Minami station as a model hydrogen refueling station for future roll-out to regional cities, as well as for urban areas subject to numerous land restrictions.

Iwatani is a proud member of Japan H₂ Mobility, LLC (JHyM). Moving forward, Iwatani will continue to coordinate with JHyM on the strategic development and efficient operation of hydrogen refueling stations to hasten the widespread adoption of fuel cell vehicles and contribute to improved convenience for users.

■ Overview of Iwatani Hydrogen Refueling Station Okayama-Minami

Location	2094-2, Fujita, Minami-ku, Okayama-shi, Okayama Prefecture
Site Area	Approx. 834m ²
Hydrogen Supply	Off-site supply of compressed hydrogen
Supply Capacity	150N m ³ /h (capable of filling three fuel cell vehicles per hour)
Filling Pressure	82MPa (megapascals)
Equipment	Compressor, pressure accumulator, dispenser, etc.

■ System Flow



■ **Comparison with Major Iwatani Hydrogen Stations (Reference)**

*Figures are provided for reference purposes only.

	Iwatani Hydrogen Refueling Station in Okayama-Minami	Iwatani Hydrogen Refueling Station in Shibakoen	Iwatani Hydrogen Refueling Station in Osaka Honmachi
Installation Type	Stationary	Stationary	Mobile
Hydrogen Supply	Compressed Hydrogen	Liquified Hydrogen	Compressed Hydrogen
Supply Capacity	150N m ³ / h	300N m ³ / h	100N m ³ / h
Number of Vehicles Filled per Hour	3	6	2
Comparative Installation Footprints	1	2	1