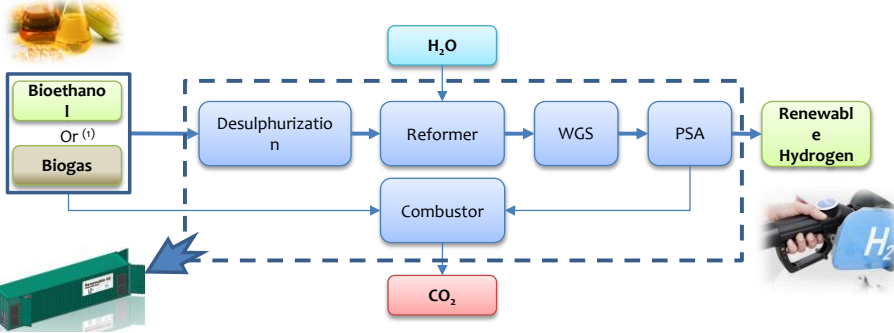




TECNICAS REUNIDAS

COMPACT, MODULAR & AUTOMATED HYDROGEN PRODUCTION PLANT

Tecnicas Reunidas (www.tecnicasreunidas.es) is specialized in the design and management of the execution of industrial plant projects around the world. Throughout its almost 60-year of history, Tecnicas Reunidas has designed and managed the construction of more than 1,000 industrial plants in over 50 countries, with over 8,600 employees worldwide. Its clients include many of the multinational oil and energy companies in the world, in its main business areas: Refining & Petrochemical / Upstream & Natural Gas / Power & Water.



(1) The equipment can run on either NG or Bioethanol. Changing the type of fuel supply requires a full stop and re-start of the equipment

TR offers its groundbreaking equipment to produce hydrogen from dual feedstock: bioethanol or RNG (ethanol/NG are possible but will not yield RH₂)

The process is compact, clean, containerized, plug & play and more efficient than existing alternatives. Feedstock changeover does not require changing any parts.

The TR150 and TR50 are containerized solutions for the most economical and efficient production of hydrogen on-site

The dual feedstock capacity will allow the producer to leverage on the best available conditions of cost and renewable content (with bio gas and/or bioethanol).

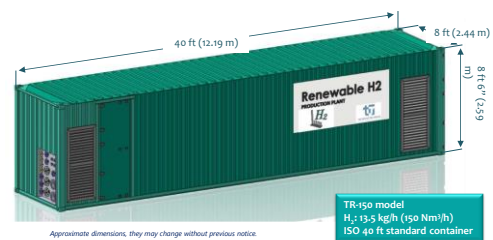
- The TR150 can produce 324 kg/day of fuel grade hydrogen
- The TR50 produces 108 kg/day.

Autonomous operation, minimum maintenance.

Tecnicas Reunidas also builds hydrogen production plants of any size, according to customer requirements.

MAIN CHARACTERISTICS

- H₂ suitable for PEM Fuel Cell Service (ISO 14687:2019) ⁽¹⁾
- Fuel: Bioethanol or Natural Gas
- Compact
- Modular
- Easy to transport, plug&play installation
- Fully automated plant, remote monitorization
- H₂ production adjustable between 30% and 100% of capacity
- Possibility of heat export (hot water) for district heating
- Design Lifetime: +20 years



(1) – 99.999% purity optional