



Making our world  
more productive

## HYDROPRIME®. More choices...big benefits.

Meeting your needs is Linde's top priority. That's why we offer a line of standard-sized modular hydrogen generators – using steam-methane reforming – that reduce the time and cost of getting these plants onstream.



HYDROPRIME® Mid 6

With standard-sized, modular HYDROPRIME® plants, you can pick the size that meets your needs. These highly efficient hydrogen generators come in seven capacity ranges:

- More choices**
- HYDROPRIME® Min, 300 NCMH
  - HYDROPRIME® Min, 500 NCMH
  - HYDROPRIME® Mid 1, 1,300 NCMH
  - HYDROPRIME® Mid 2, 2,000 NCMH
  - HYDROPRIME® Mid 3, 3,000 NCMH
  - HYDROPRIME® Mid 6, 6,000 NCMH
  - HYDROPRIME® Mid 10, 10,000 NCMH
  - HYDROPRIME® Max, 32,000 NCMH

Standard HYDROPRIME® products can be scaled to meet any production rate within the respective range.

### Big benefits

HYDROPRIME plants offer important advantages over traditional supply modes (such as electrolytic plants, conventional steam methane plants, and truck delivered bulk hydrogen). Along with more choices in plant sizes, benefits are driven by standardization. By using a proven, standard design, Linde offers more cost-effective options, with shorter lead times and greater reliability, readily available spare parts, and consistent documentation to streamline the customer's scope of work. Specific benefits include:

- Modular, open skid design enabling quicker delivery, streamlined installation (indoors or outdoors), and easy accessibility for maintenance
- Ultra-high purity product (99.999+%)
- Hydrogen produced at 200 psig (13.8 barg) or higher, reducing compression costs
- Optimized plant design to reduce energy costs
- Greater supply security with backup bulk systems
- Fewer truck deliveries, reducing safety risks and lowering vehicle emissions.
- Full automation with fail-safe controls that allow unattended operation (including start-up, operation and monitoring)

**Applications** HYDROPRIME® offers a flexible supply solution for an extensive range of industries, including:

- Refining
- Chemicals
- Polysilicon
- Oleochemicals
- Metals
- Industrial gases
- Peroxide
- Electronics
- Fuel cells



Model of HYDROPRIME® Mid 1



HYDROPRIME® Max under construction



HYDROPRIME® Mid 10



HYDROPRIME® Min module ready for shipment to site



Linde fabrication facility, Catoosa, OK USA

Visit us online at [www.leamericas.com](http://www.leamericas.com).

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