



Produce your hydrogen on-site, on demand, according to your specifications

Produced by alkaline electrolysis from renewable electricity sources, zero-carbon hydrogen plays a crucial role in the energy transition. Our vision is pragmatic: it's all about using our hydrogen expertise to enhance your productivity, energy efficiency and economic performance.

- High pressure alkaline electrolysis, 30 bar directly at your process pressure, requiring no additional compression
- Fast dynamic response: perfectly suitable for coupling with renewable energies and qualified for grid services (primary reserve)
- High energy efficiency
- From 10 to 800 Nm³/h in series: a standardized range
- Supplemented with customized configuration systems (> 20 MW), based on our Augmented McLyzer module design, for industry, mobility and energy markets



20 MW cluster design

	Model	Pressure (barg)	Nominal hydrogen flow rate (Nm ³ /h)	Power Class	DC Energy Consumption at nominal flow rate (kWh/Nm ³)
Small	McLyzer 10-30	30	10	50 kW	4.5
	McLyzer 20-30	30	20	100 kW	4.5
Large	McLyzer 100-30	30	100	0.5 MW	4.5
	McLyzer 200-30	30	200	1 MW	4.5
	McLyzer 400-30	30	400	2 MW	4.5
	McLyzer 800-30 (core-module Augmented McLyzer)	30	800	4 MW	4.5

All of our products are designed according to the ISO 22734-1: 2008 standard, and are CE marked, in full compliance with the European Union directives [machine, low voltage, electromagnetic compatibility, pressure equipment directive].

Equipment selected and qualified by major industrial players

APPLICATIONS

INDUSTRIAL H ₂	HYDROGEN MOBILITY	ENERGY	POWER TO GAS	H ₂ FOR THE TERRITORIES	RESEARCH & INNOVATION