

Oxymat On-site Hydrogen Generator

Hydrogen is used in many applications such as food production and electronics, to name a few, and recently has been used as fuel in transport and in environmentally friendly heating systems.

On-site hydrogen production eliminates the need to supply of bulk or cylinders.

The Oxymat On-site Hydrogen Generator is designed to meet a large number of application requirements:

✓ Main features

- Low carbon footprint
- 24/7 operation
- Range from 1,33 m³/h up to 170 m³/h
- Working pressure up to 30 bar
- Hydrogen purity up to 99,9995%
- Fully automatic with remote monitoring (optional)
- Compliance with European standards
- Eliminates safety hazards, such as fire and explosions



✓ Generator Specifications

Technical Data	Value	Units
Approval	CE	
Hydrogen production capacity	1,33 to 170,6	m ³ /hour
Max. Working pressure	30	Bar
Hydrogen purity	up to 99,9995	per cent
Dew Point <i>depending on model type</i>	-10 /-20 /-30	°C
Power consumption	3,6 to 912	kW
AC Voltage	400/3/50-60	V + N 50/60 Hz
Max. water consumption	0,6 to 144	l/hour
Water quality		
Location	< 1000	m.a.s.l.
		>1000 m.a.s.l. : water cooling is required
Ambient temperature	Max 35	°C
		> 35°C: water cooling is required
Dimensions:	750 x 750 x 1460 to 1700 x 2600 x 2400	mm
Weight	180 to 15.200	Kg depending on model type