



EFFICIENT



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**dyomix**  
SMART FLAME

Oxy-hydrogen gas smart generator

# Dyoflam 12

## Industry range

Dedicated to oxy-flame applications in Industry

Dyomix CleanTech makes it possible to produce a clean and efficient fuel easily and without storage, from the oxygen and hydrogen naturally present in the water. The flame thus produced, burning at over 2500°C, is particularly adapted to the needs of professionals using a flame in their daily applications. The Dyomix oxygen-hydrogen flame technology has been tested and used intensively in the industry since 2009.

### USB CONNECTION

For easy connectivity to modify the language and benefit from the latest developed features.

### EMERGENCY STOP BUTTON

Emergency stop punch for a maximum responsiveness in unexpected event.

### MONITORING SCREEN

Access to the different modes and functions with a comfortable reading.

### ON-BOARD CONSUMABLES

5L refills housed in a protected compartment.

### ON WHEELS

4 wheels including 2 directional for maximum mobility.

### DUAL PRESSURE DISPLAY

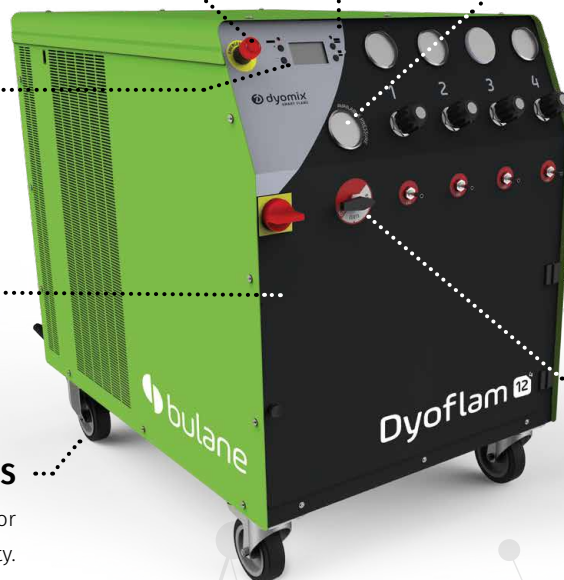
Reading on the pressure gauge and on the control screen to indicate if your generator is under pressure, even if the power is off.

### GAS PRESSURE REGULATOR

Allows the selection of the correct gas pressure for the application and protects the gas line from generator pressure fluctuations.

### GAS VALVE

Allows you to easily cut off the supply of gas lines.



Made in  
France

24-month manufacturer warranty

 Eco-responsible product

[WWW.BULANE.COM](http://WWW.BULANE.COM)

For more information, call us: +33 (0)4 67 830 908

OXY-HYDROGEN CLEAN FLAME  
by

 **bulane**



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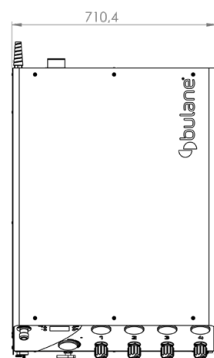
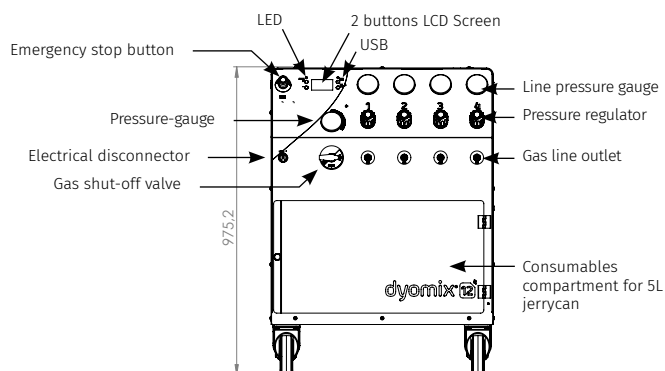
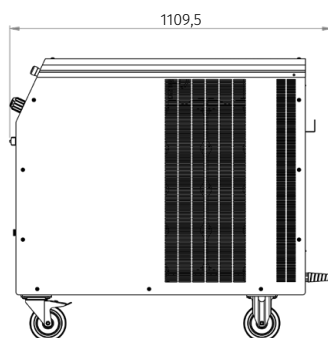
## TECHNICAL CHARACTERISTICS

### DIMENSIONS, WEIGHT AND HANDLING

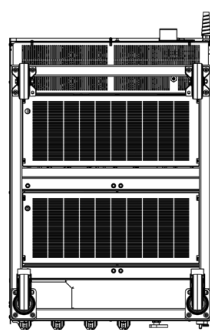
- Width x Length x Height (mm): 710, 1109, 975
- 312 kg

### FEATURES

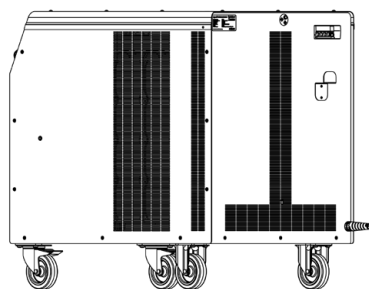
- Hydrogen/Oxygen production
- Available pressure: 0 to 1.6 bar
- Number of gas outlets: 2 to 4
- Debit: 3200 L/h



TOP VIEW



BOTTOM VIEW



### ELECTRICITY, WATER & ADDITIVE DATA

- Three-phase power supply: 400 V – 32A, fiche 5P
- Electrical power: 12 kW
- Pure water consumption\*: 1.7 L/h (at 100% power)
- Types of pure water refill
- 5 L jerrycan - 3 hours autonomy
- 25 L jerrycan - 15 h autonomy
- Additive consumption\*\*: 0.34 L/h
- Type of additive refill: 5 L jerrycan - 15 h autonomy

### ELECTRONIC FUNCTIONS, INSTRUMENTATION AND INTEGRATED SYSTEMS

- LCD display with real time user messages
- Visual and audible alarms (LEDs and buzzer)
- Sealing self-test
- Integrated safety functions
- USB port for communication with the device with export of export of operating data for remote diagnostics
- Electronic pressure regulator
- Pressure gauge and pressure regulator on each gas outlet
- Ergonomic self-piloted flame (flame coloring & gas odorization process)

### OPTIONS

- Automatic reel for Dyomix gas line
- Luminous column with buzzer
- Quick coupling with self-sealing safety system
- Service contract and extended warranty

### CONDITIONS OF USE

- Side ventilation clearance (mm): 1000
- Top ventilation clearance (mm): 50
- Operating temperature: 5 to 40 °C

### CARE AND MAINTENANCE

Periodic maintenance according to usage rate.

### SAFETY AND COMPLIANCE

- Flashback Arrestor security device
- Pressure Equipment Directive (PED): 2014/68/UE
- Electric security / Low voltage directive: 2014/35/UE
- Electromagnetic compatibility (EMC) directive: 2014/30/UE
- Protection Index: IP21 equivalent

\* Water respecting the quality level recommended by Bulane.

\*\* Additive respecting the quality level recommended by Bulane.