



EFFICIENT



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HEALTH FRIENDLY



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dyomix
SMART FLAME

Oxy-hydrogen gas smart generator

Dyoflam 4

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.



Eco-responsible
product



24-month manufacturer warranty

WWW.BULANE.COM

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

OXY-HYDROGEN CLEAN FLAME
by

bulane



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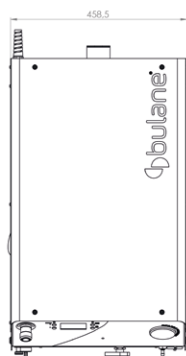
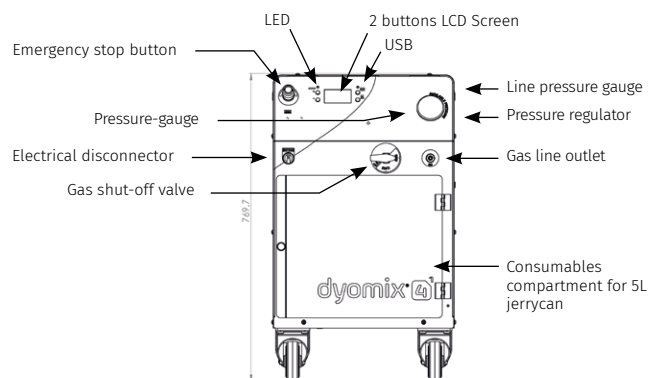
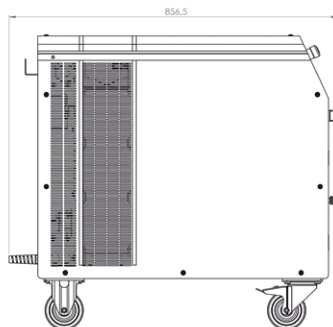
TECHNICAL CHARACTERISTICS

DIMENSIONS, WEIGHT AND HANDLING

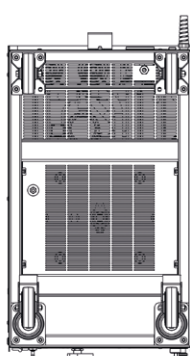
- Width x Length x Height (mm): 458, 856, 770
- 138 kg

FEATURES

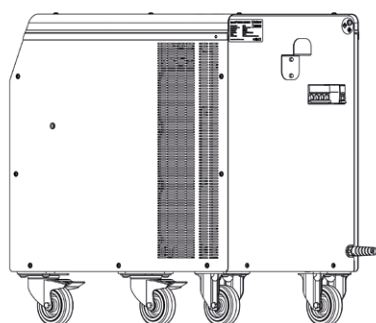
- Hydrogen/Oxygen production
- Available pressure: 0 to 1.6 bar
- Number of gas outlets: 1
- Debit: 1050 L/h



TOP VIEW



BOTTOM VIEW



ELECTRICITY, WATER & ADDITIVE DATA

- Three-phase power supply: 400 V – 7A, 5P plug
- Electrical power: 4 kW
- Pure water consumption*: 0.55 L/h (at 100% power)
- Types of pure water refill
- 5 L jerrycan - 9 hours autonomy
- 25 L jerrycan - 45 h autonomy
- Additive consumption**: 0.11 L/h
- Type of additive refill: 5 L jerrycan - 45 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.