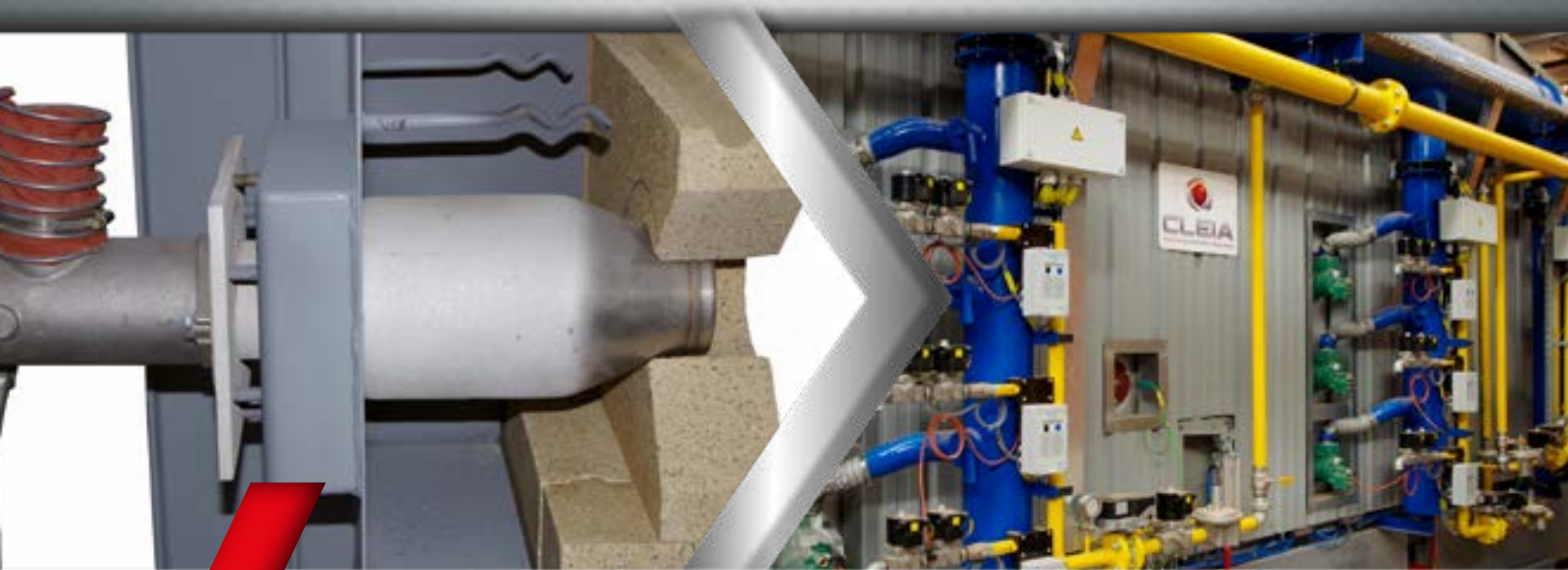


# GAS BURNERS

**CLEIA** offers a range of **multipurpose burners** for side and roof firing, designed **in collaboration with plant operators.**



## "CLEIA SPEED JET" BURNER

The **"CLEIA Speed Jet"** is a high velocity side burner, cooled down by the combustion air. A multi-support plate fastened on the rear side of the body allows an easy adjustment and maintenance.

- Fuel: multi-gas (natural gas, biogas, propane...)
- Preheating, stirring and firing functions
- Refractory stainless steel construction
- Max. power: 150 kW
- Gas speed outlet up to 250 m/s
- Excess air up to 400%

### BENEFITS

- Reliable ignition and easy adjustment
- Suitable for all types of kilns
- Lower combustion air pressure
- Several possible flame tests: UV, probes, electrodes

**Engineering turn-key solutions**



**CLEIA**  
Engineering Innovation Automation

### "CLEIA TOP JET" BURNER

The "**CLEIA Top Jet**" is a roof burner developed to operate with a high excess of air, in order to be installed in pre-firing zones. Its **new design** allows to work in two ways: **pulse** or **modulating**.

The "**CLEIA Top Jet**" allows a **lower combustion air pressure** through a better aerualic design and therefore a **lower pressure drop**.

- Fuel: multi-gas (natural gas, biogas, propane...)
- Preheating, stirring and firing functions
- Body in refractory stainless steel / Housing in aluminium
- Removable nozzle made in silicon carbide (SiC)
- Pulse mode max power: 90 kW and modulating: 125 kW
- Excess air up to 500%
- Several possible flame tests: UV, probes, electrodes

#### BENEFITS

- Firing power adjustable
- Possible double fuel injection
- Burner suitable for all types of kilns
- Anti corrosive material and design



### "CLEIA TIPTOP" BURNER

The "**CLEIA Tiptop**" is a full firing zone burner designed to be installed on tunnel kilns requiring a lot of firing points.

- Fuel: multi-gas (natural gas, biogas, propane...)
- Body in refractory stainless steel
- Removable nozzle made of silicon carbide (Si-SiC)
- Adjustable power: from 7 to 77 kW

#### BENEFITS

- Firing power adjustable
- Possible double fuel injection
- Burner suitable for all types of kilns
- Anti corrosive material and design

