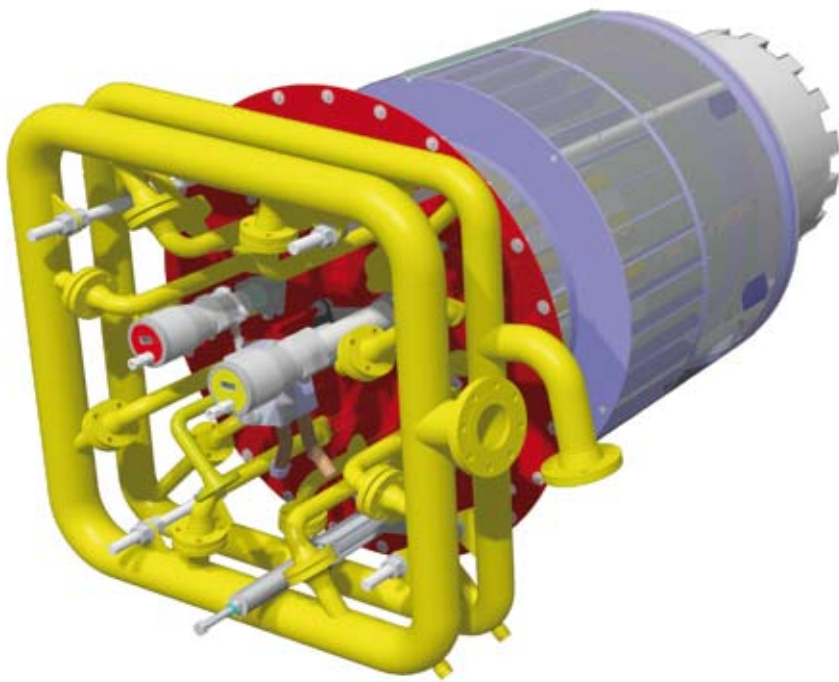


## GRC LONOXFLAM® G2 gas burners



For front and tangential firing industrial boilers / power stations  
Safe and easy operation with low excess air  
Ultra Low NOx and CO emissions  
Adaptable flame shape  
Simple design  
Heat input from 8 MW to 120 MW per burner

→ The path of efficiency and environmental care



The GRC LONOXFLAM® G2 burner is the latest generation of our world famous GRC burner.

This burner is ultra low NOx for fuel gas firing and also has low NOx properties firing fuel oil.

The patented LONOXFLAM® technology enables a 50 to 75% reduction of NOx emissions.

The burner's swirl and impulse is set according to the choice of combustion head which allows the flame length to fit any furnace whilst maintaining a stable flame.

This burner operates with very low excess air, increasing global efficiency and reducing energy costs.

There is no refractory quarl, thus reducing maintenance costs and increasing availability.



#### CHARACTERISTICS

Fuels	Natural gas, LPG, refinery gas, syngas, process gas, up to 80 % H <sub>2</sub> , Diesel oil, Fuel oil
Combustion air	Up to 400°C. Burner pressure drop 200 to 250 daPa.
Gas pressure	≥ 0.3 bar g
Range	8 to 120 MW per burner
Turndown ratio	≥ 8 to 1
Flame dimensions	Similar to standard burners
Excess air	5 to 20 %, typical : 10 % at MCR

#### SOME REFERENCES

RUIEN power station (Belgium)	1 boiler fitted with 12 GRC burners of 71 MWth each
AWIRS power station (Belgium)	1 boiler fitted with 12 GRC burners of 71 MWth each
KADAKA power station (Estonia)	2 boilers fitted each with 3 GRC burners of 40 MWth each