

Zero Port Boosting System

- ~ Natural gas, propane or LNG with automatic heating value control
- ~ Single burner control
- ~ Failsafe systems sil 2 / en 746-2
- ~ "Plug and play" technology
- ~ High efficient burner technology up to 6 m flame length

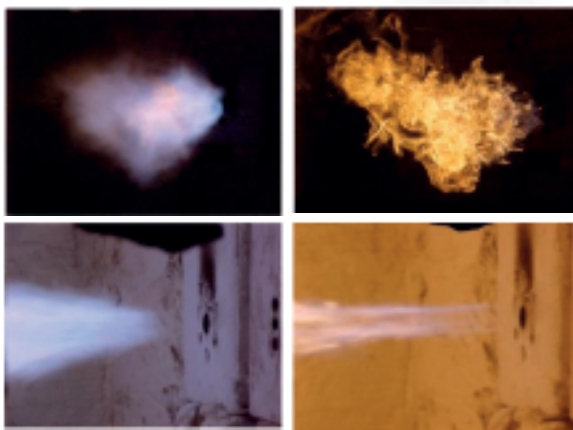


- Boost Melting Capacity
- Overglaze Batch and reduce carry over
- Relieve Port 1-2
- Boost Quality
- Increase Furnace Life



Oxyfuel boosting also uses oxygen for combustion rather than air. It raises flame temperatures by eliminating nitrogen and increasing the oxygen concentration. It also raises the concentration of CO₂ and H₂O in the vicinity of the flame. And since these gases are mainly responsible for thermal radiation, they make gas jets more efficient. Oxyfuel boost technology is primarily used in glass furnaces to:

- Increase furnace pull rates
- Improve product quality

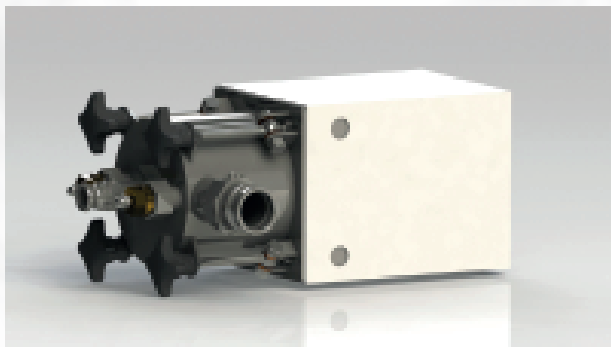


Zero-port boosting

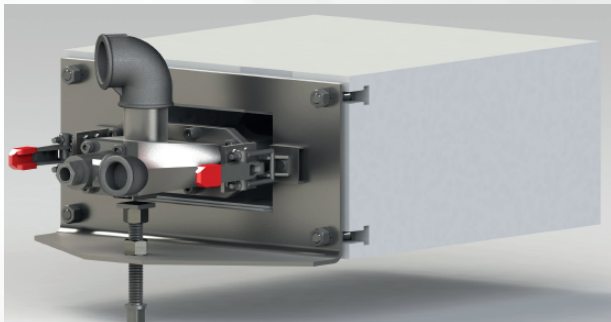
Using oxyfuel burners to boost the melting capacity of glass furnaces is a proven technology, especially in float furnaces. Over the past five years, furnaces with conventional zero-port oxyfuel technology have provided the industry with significant information on oxyfuel boosting. Feeding 10-15% more energy into the furnace in the critical melting area, for example, can boost pull rates, quality levels and furnace life.

Higher efficiency due to more power and better quality.

Quadraflo Streamline



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Hotwork International AG
 Romanshornstrasse 123
 9322 Egnach
 Switzerland
 Tel.: +41 71 649 2090
 contact@hotwork.ag
 http://www.hotwork.ag

Hotwork International Inc.
 Cebu, Philippines
 Tel.: +63 32 341 3826

Heat Up Latin America
 Cuernavaca, Mexico
 Tel.: +521 777 2676666

Hotwork - XIX
 Shanghai, China
 Tel.: +86 18601793322

Hotwork Thailand
 Samutprakarn, Thailand
 Tel.: +66 2 336117

Hotwork Indonesia Pt.
 Jakarta, Indonesia
 Tel.: +62 899 9210 605

Hotwork Japan
 Takasago-Shi, Hyogo