

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

地址	<b>Praxair, Inc.</b> Worldwide Headquarters 175 East Park Drive Tonawanda, NY 14150
国家	美国
州	New York
电话号码	001 716 879 4077
传真	001 716 879 2040
互联网	www.praxair.com

## 联系人

Contact 1.      先生 Iyoha Uyi  
Associate Director, Business Development Global Market Development  
Phone: 001 716 8797962  
Fax: 001 716 8797275

## 产品/机械

### Oxy-fuel combustion

With over 200 oxy-fuel glass furnace installations in all glass segments, Praxair is a leader in oxy-fuel combustion technologies for the glass industry. These technologies include Praxair's newly commercialized OPTIMELT™ thermochemical regenerator system, which can reduce natural gas and oxygen consumption of oxy-fuel glass furnaces by about 16 to 20%; advanced oxy-fuel burners for glass furnaces which offer wide flame coverage, low volatilization, high flame luminosity, optimum heat transfer efficiency and NOx emissions performance; and advanced air separation plants for reliable oxygen production and supply.

### OPTIMELT Thermochemical Regenerator System

Praxair's new OPTIMELT™ thermochemical regenerator heat recovery system is a compelling low-cost solution to maximize the heat recovery from glass furnaces, improve energy efficiency of the furnaces, and minimize furnace emissions. The OPTIMELT system delivers these benefits using regenerators similar to conventional air-regenerators to combine the conventional preheating step with a chemical reforming process. In the reforming step, a mixture of natural gas and recirculated flue gas react endothermically in the hot regenerator checker pack to produce a hot syngas stream which is combusted in the furnace with oxygen. This combined preheating and reforming process results in a net reduction of natural gas and oxygen of about 20% to 30%, compared to conventional oxy-fuel and regenerative air-fuel furnaces, respectively.

## 产品和背景

Praxair, Inc., a Fortune 250 company with 2014 sales of \$12.3 billion, is one of the largest industrial gases companies worldwide. The company produces, sells and distributes atmospheric, process and specialty, and high-performance surface coatings. Praxair products, and technologies are making our planet more productive by bringing efficiency and environmental benefits to a wide variety of industries, including manufacturing, primary metals and many others.

**Products:**

Industrial gases – Atmospheric gases (oxygen, nitrogen, argon and rare gases).

Process gases (carbon dioxide, helium, hydrogen, electronic gases, specialty gases and acetylene).

Surface coatings – Wear-resistant and high-temperature corrosion-resistant metallic and ceramic coatings and powders.

**Services:**

On-site gas handling and monitoring systems; supply-chain management; pipeline and plant services; utility management and co-generation; turnkey design and construction; inventory control.

**End Use Markets:**

Industrial gases – Aerospace, chemicals, electronics, energy, food and beverage, healthcare, manufacturing (including metal fabrication, glass, pulp and paper, water treatment), metals.

Surface coatings – Aircraft, electronics, printing and textiles, chemicals, primary metals.

**Technology:**

Industrial gases – Introduced cryogenic air separation to U.S. industry in the early 1900's and led development of non-cryogenic supply systems.

Continuing innovation in application technologies specific to particular industries.

Surface coatings – Thermal spray coatings, including detonation gun, plasma, high-velocity oxy-fuel and diffusion processes. Anilox and hydrophilic roll surfaces. Thermal spray powder development and manufacturing.

**Global Capabilities:**

More than half of Praxair's sales are generated outside the U.S. through subsidiaries and regional companies.

Company Profile of **Praxair, Inc.**

A service of glasssglobal.com, an affiliate of glasssglobal group.

您出版的地址材料版权属于属于公司或对它的第三者销售代理，保留所有权。任何用户访问这样的资料的只限于个人使用，并且用户对材料的用途和使用，风险自担。禁止对其它的贸易广告及地址资料重新发布。这样的地址材料如果是由第三方提供，使用这样的新闻材料必须由各用户同意和遵守具体使用条款。Glass Global不保证从任何链接或其它网址打印输出的信息的准确性和可靠性。www.glasssglobal.com - 国际性的玻璃工业门户 - OGIS GmbH