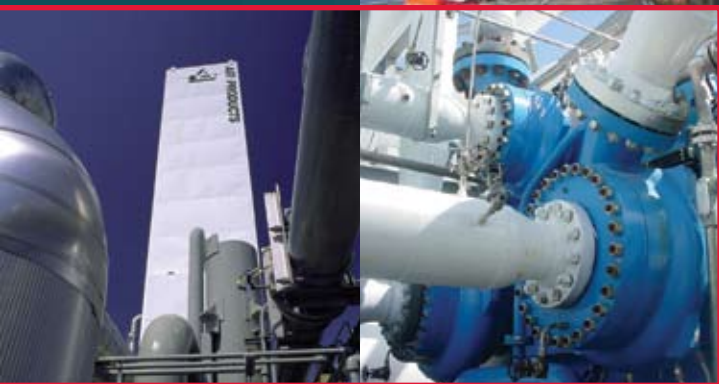


Large Air Separation Unit Sales

> World-class capabilities and experience to meet your needs





When it comes to air separation, we understand how critical performance is to your business.

Today's bottom line is all about efficiency, productivity and cost containment. Whether you're producing steel or nonferrous metals, or running an Integrated Gasification Combined Cycle (IGCC), Gas or Coal-to-Liquid process, your air separation plant has a significant impact on your operations. Air Products has the knowledge, experience and resources necessary to design, engineer, construct and operate a safe, reliable and cost-effective technical gases delivery system for your application.

A leader in tonnage oxygen supply and services

Air Products offers a wide selection of air separation technologies, ranging from small, modularized noncryogenic units up to full-scale cryogenic facilities with capacities of more than 204,000 Nm³/hr for single or multi-train plants. Based on our understanding of your business, we apply our expertise to help you improve the performance, quality and cost competitiveness of your products and operations.

> *Cryogenic technology*

With hundreds of patents, expertise in equipment and processes, and decades of operating experience, Air Products is an acknowledged leader in cryogenic air separation technology. Our manufacturing capabilities include structured packing, coldboxes, vessels and columns. We are capable of manufacturing the world's largest columns of up to 204,000 Nm³/hr of oxygen product, and we lead the industry in supplying tonnage oxygen and pressures of more than 7 MPa.

> *Noncryogenic technologies*

We offer a variety of innovative noncryogenic technologies, including adsorption, traditional and "reverse" membranes, and hydrogen and carbon monoxide (HYCO) separation, purification and recovery.

> *ASU services*

Our unique Customer Plant Support division is dedicated solely to providing services and spare parts to our customers who own and operate air separation plants.



“Air Products brings decades of experience and global resources to the table to provide customers with the quantity of oxygen and other gases they need for safe, reliable, cost-effective operation.”

Mark Stoelinga, Director, Large ASU Equipment Sales



Trust our experience

Since our establishment in 1940, we have built more than 2,000 air separation plants, and today we operate more than 300 of them. Our Mega-ASU experience includes two 102,000 Nm³/hr ASUs for the Escravos GTL project in Nigeria; two 102,000 Nm³/hr units at Oryx in Qatar, and a 92,700 Nm³/hr single-train air separation plant in Rozenburg, the Netherlands. Additionally, in 2009 Air Products is scheduled to begin construction on two ASUs on the U.S. Gulf Coast totaling more than 204,000 Nm³/hr. We will own and operate the units for Eastman Chemical.

Rely on our resources

We have operations around the globe, including five research centers and manufacturing facilities in Europe, the United States and Latin America. We have a staff of more than 7,000 employees dedicated to operating our own and our customers' plants, and we also offer remote monitoring of our ASUs to optimize performance.

Our people are our strength

From salespeople to process engineers to operators, Air Products seeks out the finest and gives them the support and training to reach their personal best. And they give it back to you. You'll find us flexible, responsive and creative—and committed to your success.

Safety and the environment are our first priority

Air Products has earned more safety-related awards than any other industrial gas company. We are a member of the Chemical Manufacturers Association (CMA) Responsible Care[®] program, and we were the first U.S. industrial gas company to successfully complete a third-party management systems verification of its environmental, health and safety processes.



For More Information

This brochure offers a brief overview of our large-scale air separation technology. To learn more, contact the ASU sales team at any of the locations listed here. We'd be glad to tell you more.

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