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**Industries / Applications**
- Gasification
- Refining
- Chemical
- Enhanced Oil Recovery
- Metals
- Oxyfuel
- Enhanced Oil Recovery

**Drive Technologies**
- Electricity
- Steam
- Natural Gas

**Advanced Technology Development**
- Cryogenic distillation designs
- Advanced thermal integration
- CO₂ capture, purification, and compression
- In-house turbo machinery manufacturing

**Select Praxair ASUs**

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<thead>
<tr>
<th>Customer, Location</th>
<th>Size (tpd)</th>
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<tbody>
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<td>Praxair, IN, USA</td>
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<td>JSW, India</td>
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<tr>
<td>Valero, DE, USA</td>
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<td>SEGPS, China</td>
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**A Global Leader**

Praxair is one of the largest industrial gas companies in the world, and the largest in North and South America. We operate in 40 countries and serve one million customers in a wide variety of industries including energy, manufacturing, chemicals, metal production and healthcare.

To learn more about Praxair’s large-scale Air Separation Unit expertise, call us at 1-800-PRAXAIR or visit our website at www.praxair.com.
The Praxair Advantage

**Optimized Design**
- Meets customers’ needs
- Operations focused

Praxair provides highly reliable plant designs meeting customer requirements, while maintaining capital discipline, energy efficiency and plant constructability.

The use of repeatable and modular designs, along with standardization, facilitates disciplined execution and reduces the need for our system suppliers and fabricators who understand and meet our quality standards.

**Disciplined Execution**
- Collaborative organization
- Experienced professionals

Praxair adheres to a regimented project execution process. By choosing our team, you can be assured that the project will be completed to the highest standards.

The Praxair Global Supply Systems (GSS) organization is comprised of 1,100 engineers and project managers who have successfully designed, constructed and commissioned air separation facilities around the world.

**Operational Excellence**
- Proven reliability
- High energy efficiency

Praxair operates its plants with proprietary and patented controls to maintain a high level of efficiency during all modes of operation. Praxair is focused on reducing energy requirements through process innovations, thermal integration and improved aerodynamics in compression.

Praxair's depth of experience, world-class engineering and rigorous focus on safety and reliability enable us to meet and exceed our customers’ evolving requirements from plant design to operation.

**Customer Value**
- Low cost of ownership
- Flexible business models

Our business is to build and operate high quality air separation units and we have thousands of employees dedicated to doing just that.

Your industrial gas supplier should be able to provide more than just cost-effective products. At Praxair we explore ways to create additional customer value by combining our knowledge of air separation with our understanding of your business goals to exceed your expectations.

Look to a Leader

Praxair, a Fortune 300 company, has the technical knowledge, operating capability and financial resources to design, construct and operate world-scale air separation units (ASUs) to meet the most demanding requirements.

We have built and are building several ASUs with oxygen capacity greater than 2,000 tpd (tons per day), whether the application is gasification, enhanced oil recovery, oxyfuel coal or chemicals. Praxair has the know-how to get the project done on-time and on-budget.

Our global engineering staff has been recognized for expertise in process design, compressors, cryogenic systems, and advanced process controls.

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Our pipeline complex in Northwest Indiana is a great example of the scope of operations Praxair is capable of designing and operating; the complex can supply 12,000 tpd of oxygen and is a leading provider of oxygen to petrochemical, refining and power generation industries.

www.praxair.com

World-scale demand? Praxair can deliver.

Praxair is a leader in the engineering, construction and operation of air separation units, with over 1,100 engineers and project managers worldwide. We have the technical knowledge, operating capability and financial resources to design, construct and operate world-scale air separation units (ASUs) to meet the most demanding requirements.

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Functional Excellence
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Core Technologies
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• Steam
• Natural Gas

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- Refining
- Chemical
- Enhanced Oil Recovery

China Technologies
- Electricity
- Steam
- Natural Gas

Advanced Technology Development
- Cryogenic distillation designs
- Advanced thermal integration
- CO₂ capture, purification, and compression
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Select Praxair ASUs
Customer, Location Size (tpd)
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- JSW, India 2,700
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- Valero, IN, USA 2,900
- Huayi, China 3,300
- Guanshike, China 3,300

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