

Advanced Manufacturing. Excellent Quality.



Standardization of Manufacturing Specifications

- More than 200 enterprise standards, as a comprehensive technical guide to manufacturing, to ensure the consistency and reliability of products.
- More than 70 operational specifications, working instructions, and visualized operation videos, break down standards and enforce strict implementation, making the system more intuitive, accurate, and efficient.



Standardization of Quality Control

- Four layers of quality control to build excellence: workshop self-inspection, quality inspection, second-party & third-party inspection and video playback examination.
- Introduce a quality management system, software, anchored by quality control processes, to achieve precise management throughout the entire manufacturing life cycle.



Lean Management of Production

- The whole process of packings and internal installation is monitored to realize the transparency of production process and the visualization of management.
- Welding 3.0 process, to achieve the double improvement of welding quality and appearance.
- The weld "silver belt" provides an ideal surface for detection, so that the weld is smooth and stress concentration is eliminated.
- Extreme control of cleanliness from the beginning to end of the manufacturing process to ensure terminal operation safety.



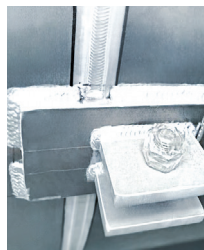
The unique "Silver Belt" initiative in the ASUs manufacturing industry



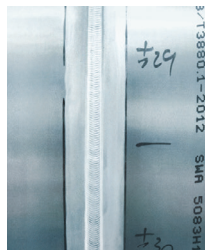
Standard cutting lines and markings



Uniform, full, and aesthetically shaped fish scale welds



Treatment of weld joints intersection



Standardized and symmetrical grinding and traceable welds

Craftsmanship and Intelligence

Excellent equipment design and manufacturing solutions

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Learn more about
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盈德工程
YINGDE ENGINEERING



The Equipment Manufacturing Factory of Yingde Engineering follows the principle of high standard production and fine manufacturing, and relies on advanced facilities and stable production capacity to provide solid guarantee for Yingde Gases' project and third-party equipment sales business, and also lays a solid foundation for customers to successfully put into production.

Lean Manufacturing. Reliable Equipment.



Large-Scale Air Separation Unit (ASU) Manufacturing Capacity

The manufacturing base is located in Linhang Industrial New Area, Deqing County, Huzhou City, Zhejiang Province, covering an area of 102.2 mu, with a workshop area of about 40,000 square meters, and a manufacturing capacity of 120,000 Nm³/h grade ASU.



Super Convenient Transportation Conditions

Nestled along the Beijing-Hangzhou Grand Canal and highways G25/S13, the area offers convenient access to both waterway and road transport for heavy cargo.



Experience in Designing and Building Multiple Large-Scale ASUs

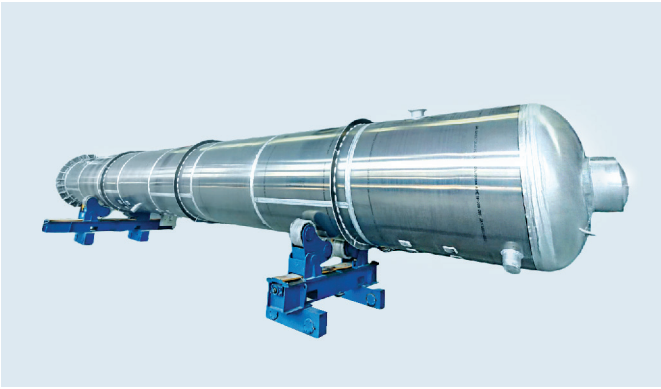
All of the core team members have the working background in foreign enterprises, with more than 50 sets of large (ultra-large) ASU design and construction experience, and have professional technical capability and pragmatic craftsman spirit.



Extensive Experience in the Design and Manufacturing of ASUs. Customized Solutions Offered.

Yingde Engineering provides customers with a wide range of specialized cold boxes, including oxygen-nitrogen-argon ASUs with maximum capacity up to 120,000 Nm³/h, full liquid ASUs, high purity nitrogen ASUs, rare gas purification systems, VPSA (Variable Pressure Swing Adsorption) oxygen production units, water electrolysis hydrogen production units, hydrocarbon separation cold boxes, and various chemical exhaust gas purification units.

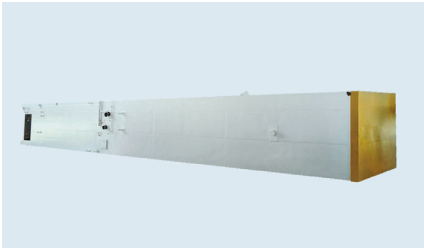
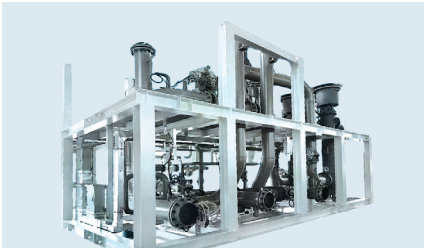
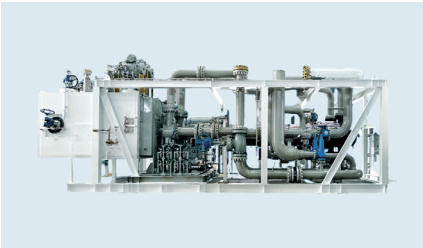
The 60,000-100,000 Nm³/h distillation equipment with annual production of 12 sets



The 60,000-grade purifier with an annual production capacity of 12 units/sets



The skid-type refrigeration units with annual production capacity of 12 units/sets, including coarse rare gases units, high-purity nitrogen, high-purity oxygen units, oxygen recovery units, and argon recovery units



The 5,000-grade VPSA (Vacuum Pressure Swing Adsorption) system with an annual production capacity of 60 units/sets



The 1,000-level hydroelectrolysis hydrogen electrolyzer with annual production capacity of 100 sets

