

## Nitrogen Purity 95 to 99999 Percent PSA Nitrogen Generator Industrial Nitrogen Stainless Steel Tower Gas Production System

Our Product Introduction

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### Basic Information

- Brand Name: GASPU
- Certification: ISO90001
- Model Number: NG800
- Minimum Order Quantity: 1
- Price: \$100000
- Packaging Details: In Carton
- Delivery Time: The Complete Set Of Equipment Will Be Provided Within 45 Days After Receiving The Advance Payment.
- Payment Terms: 40% Of The Contract Amount Is Prepaid; 60% Of The Contract Amount Is Paid After The Goods Are Inspected And Approved Before Shipment



### Product Specification

- Capacity: 100 Nm<sup>3</sup>/h
- Capacity: 5-5000 Nm<sup>3</sup>/h
- Color: White
- Inlet Diameter: DN25
- Nitrogen Capacity: 20 Nm<sup>3</sup> / Hour
- Nitrogen Purity: 95-99.999%
- Material: Stainless Steel Tower
- Port: Shanghai
- Highlight: **PSA nitrogen generator industrial grade, stainless steel nitrogen production system, high purity nitrogen gas generator**



**Product Description:**

The PSA Nitrogen Generator is a state-of-the-art solution designed to meet the demanding needs of industrial nitrogen production. Featuring a sleek white exterior, this skid nitrogen generator combines durability, efficiency, and advanced technology to deliver a reliable supply of high-purity nitrogen gas for a wide range of industrial applications. Engineered for longevity, the generator boasts a life span of 8-10 years, ensuring long-term performance and minimal maintenance requirements, making it a cost-effective choice for businesses seeking sustainable nitrogen generation solutions.

One of the standout features of this skid nitrogen generator is its noise level, which operates below 70db(A). This low noise output ensures a quieter working environment, enhancing operator comfort and reducing noise pollution in industrial settings. The generator is thoughtfully designed to maintain optimal performance while maintaining a noise level that complies with workplace safety and comfort standards.

The PSA Nitrogen Generator is equipped with an inlet diameter of DN25, allowing for efficient and seamless integration into existing industrial systems. This specification ensures compatibility with standard piping and facilitates easy installation, reducing downtime and installation costs. Its compact skid-mounted design makes it a versatile option that can be conveniently transported and installed in various industrial locations, enhancing operational flexibility.

Primarily intended for industrial nitrogen usage, this skid nitrogen generator is ideal for applications such as chemical processing, food packaging, pharmaceuticals, electronics manufacturing, and metal fabrication. By producing nitrogen on-site, businesses can significantly reduce reliance on bottled nitrogen, lowering operational costs and improving safety by minimizing the handling and storage of high-pressure gas cylinders.

The skid nitrogen generator utilizes Pressure Swing Adsorption (PSA) technology, which efficiently separates nitrogen from compressed air to produce a consistent flow of high-purity nitrogen gas. This technology is energy-efficient and environmentally friendly, offering an eco-conscious alternative to traditional nitrogen supply methods. The generator's advanced control system ensures stable nitrogen purity levels, maintaining the quality required for sensitive industrial processes.

In addition to its robust performance and user-friendly design, the skid nitrogen generator is built to withstand rigorous industrial environments. Its white outer casing is not only aesthetically pleasing but also protects the internal components from dust, corrosion, and mechanical damage. This protective design contributes to the generator's extended life span, making it a dependable asset for any industrial operation.

Overall, the PSA Nitrogen Generator represents a perfect blend of innovation, reliability, and practicality. Its skid-mounted configuration, low noise operation, long life span, and compatibility with standard inlet sizes make it a top choice for industries seeking an efficient and sustainable nitrogen generation solution. By incorporating this skid nitrogen generator into your facility, you can ensure a steady supply of nitrogen gas that meets your production demands while optimizing operational efficiency and safety.

Investing in this skid nitrogen generator not only enhances your production capabilities but also supports your commitment to environmental responsibility and workplace safety. Whether you require nitrogen for inerting, blanketing, or other industrial processes, this generator delivers consistent performance, durability, and ease of use, making it an indispensable component of modern industrial nitrogen systems.

**Technical Parameters:**

Nitrogen Capacity	20 Nm <sup>3</sup> /Hour
Capacity Range	5-5000 Nm <sup>3</sup> /h
Typical Capacity	100 Nm <sup>3</sup> /h
Nitrogen Purity	95-99.999%
Noise Level	Below 70db (A)
Origin	China
Port	Shanghai
Inlet Diameter	DN25
Power Feature	Low Consumption
Life Span	8-10 Years

**Applications:**

The GASPU NG800 PSA Nitrogen Generator is an advanced and reliable solution designed to meet diverse industrial nitrogen generation needs. Manufactured in Suzhou and certified with ISO90001, this skid nitrogen generator offers a portable and movable design, making it ideal for a wide range of application occasions and scenarios. With a nitrogen purity range of 95-99.999% and a capacity of 100 Nm<sup>3</sup>/h, the NG800 model ensures high-quality nitrogen output suitable for sensitive and demanding processes.

One of the primary application occasions for the GASPU NG800 skid nitrogen generator is in the manufacturing and processing industries where a continuous supply of high-purity nitrogen is essential. This includes food packaging, where nitrogen is used to preserve freshness by displacing oxygen, as well as in electronics manufacturing, where an inert atmosphere prevents oxidation during production. The portability of the skid nitrogen generator allows it to be easily moved and integrated into existing production lines or temporary setups, providing flexibility and efficiency.

In the chemical and pharmaceutical industries, the NG800 skid nitrogen generator plays a crucial role in creating inert environments to enhance safety and product quality. Its reliable performance ensures that sensitive chemical reactions and pharmaceutical processes can be conducted without contamination from atmospheric gases. The skid-mounted design simplifies installation and maintenance, while the certification guarantees compliance with industry standards.

Additionally, the NG800 is ideal for applications in metal fabrication and laser cutting industries, where nitrogen is used to prevent

oxidation and improve cutting quality. The skid nitrogen generator's compact and movable structure allows for on-site nitrogen generation, reducing dependency on bulky gas cylinders and lowering operational costs.

With a minimum order quantity of one unit and a competitive price of \$100,000, GASPU provides comprehensive packaging in cartons and ensures delivery of the complete set of equipment within 45 days after receiving the advance payment. Payment terms are structured as 40% prepaid and 60% payable after inspection and approval before shipment, with shipping handled through the Shanghai port.

These convenient terms and prompt delivery make the NG800 skid nitrogen generator an excellent investment for businesses seeking reliable, high-capacity nitrogen generation.

## Packing and Shipping:

**Product Packaging:** The PSA Nitrogen Generator is securely packed using high-quality, durable materials to ensure safe transportation. Each unit is wrapped in protective foam and placed inside a sturdy cardboard box to prevent damage during handling and shipping. The packaging also includes clear labeling with product information, handling instructions, and safety warnings to facilitate smooth delivery and installation.

**Shipping:** The PSA Nitrogen Generator is shipped via reliable freight carriers with options for air or sea transport depending on the destination and customer requirements. Each shipment is carefully documented with a detailed packing list and shipping invoice. We ensure timely dispatch and provide tracking information to customers for real-time updates. Special arrangements for fragile or oversized units can be accommodated upon request to guarantee the generator arrives in optimal condition.



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