

## 5 to 5000 Nm<sup>3</sup>h skid nitrogen generator versatile configuration supporting diverse industrial nitrogen generation demands

Our Product Introduction

more products please visit us on [nitrogengeneratorsystem.com](http://nitrogengeneratorsystem.com)

### 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

- Noise: Below 70db A
- Port: Shanghai
- Nitrogen Purity: 95-99.999%
- Material: Stainless Steel Tower
- Life Span: 8-10 Years
- Color: White
- Capacity: 5-5000 Nm<sup>3</sup>/h
- Characteristics: Portable Movable
- Highlight: **PSA nitrogen generator skid mounted, industrial nitrogen generator versatile configuration, nitrogen generator 5-5000 Nm<sup>3</sup>h capacity**



**Product Description:**

The PSA Nitrogen Generator is a highly efficient and reliable solution designed specifically for industrial nitrogen applications. Engineered to meet the demanding requirements of various industries, this generator provides a consistent and high-purity nitrogen supply, making it an ideal choice for processes that require a controlled nitrogen environment. With a capacity of 100 Nm<sup>3</sup>/h and a nitrogen output capacity of 20 Nm<sup>3</sup> per hour, this system is perfectly suited for medium-scale industrial operations seeking to optimize their gas management and reduce operational costs.

One of the standout features of this PSA Nitrogen Generator is its use of Carbon Molecular Sieve (CMS) as the adsorbent material. CMS is renowned for its excellent adsorption properties, which enable the efficient separation of nitrogen from compressed air. This advanced technology ensures that the nitrogen produced is of high purity and consistent quality, meeting the stringent standards required in industrial applications such as food packaging, electronics manufacturing, chemical processing, and metal fabrication.

The design of the skid nitrogen generator emphasizes compactness and ease of installation. Being a skid-mounted system, it integrates all essential components on a single frame, allowing for quick deployment and minimal footprint within the facility. This modular approach not only simplifies the installation process but also facilitates maintenance and scalability. Users can easily relocate or expand the system as their production needs evolve, making the skid nitrogen generator a flexible and cost-effective solution.

Another significant advantage of this PSA Nitrogen Generator is its low noise operation. With noise levels maintained below 70 dB(A), it ensures a quieter working environment, which is particularly beneficial in settings where noise pollution is a concern. This feature enhances workplace safety and comfort, contributing to better overall operational efficiency and employee satisfaction.

Energy efficiency is also at the core of this generator's design. The PSA (Pressure Swing Adsorption) technology optimizes the consumption of compressed air and power, reducing energy costs while maintaining high nitrogen output. This efficiency, combined with the durability of the Carbon Molecular Sieve adsorbent, results in a generator that delivers excellent performance with minimal downtime and maintenance requirements.

In summary, the PSA Nitrogen Generator is an ideal choice for industries that demand a consistent, high-quality nitrogen supply. Its robust capacity of 100 Nm<sup>3</sup>/h and nitrogen production of 20 Nm<sup>3</sup> per hour, coupled with the use of advanced CMS adsorbent technology, ensures reliable and efficient operation. The skid nitrogen generator's compact, skid-mounted design facilitates easy installation and mobility, while its low noise operation below 70 dB(A) makes it suitable for a wide range of industrial environments. Whether you are looking to enhance your manufacturing process, improve product quality, or reduce operational costs, this PSA Nitrogen Generator offers a comprehensive solution tailored to meet your industrial nitrogen needs.

Investing in this skid nitrogen generator means choosing a product that combines cutting-edge technology, operational efficiency, and user-friendly design. It stands out as a dependable and versatile nitrogen generation system that supports the growth and success of your industrial operations.

**Technical Parameters:**

Noise	Below 70db (A)
Adsorbent Type	Carbon Molecular Sieve (CMS)
Characteristics	Portable Movable
Color	White
Capacity	5-5000 Nm <sup>3</sup> /h
Port	Shanghai
Origin	China
Life Span	8-10 Years
Material	Stainless Steel Tower
Nitrogen Purity	95-99.999%

**Applications:**

The GASPU NG800 PSA Nitrogen Generator is an advanced skid nitrogen generator designed to meet the diverse needs of industrial nitrogen applications. Manufactured in Suzhou and certified by ISO90001, this high-performance equipment ensures reliable and efficient nitrogen production with a purity range of 95-99.999%. Its compact skid design makes it an ideal solution for industries requiring on-site nitrogen generation with low power consumption, reducing operational costs and environmental impact.

This skid nitrogen generator is perfectly suited for various industrial applications such as food packaging, electronics manufacturing, chemical processing, and pharmaceuticals. In food packaging, the NG800 provides an inert atmosphere to extend product shelf life by preventing oxidation and spoilage. Electronics manufacturers benefit from its ability to create a clean, nitrogen-rich environment necessary for sensitive component production and assembly. Chemical plants use this nitrogen generator to maintain safe and stable processing conditions by preventing combustion and contamination.

The skid nitrogen generator's inlet diameter of DN25 allows for seamless integration into existing production lines, while its packaging in carton ensures safe transportation. With a minimum order quantity of one unit and a price of \$100,000, the GASPU NG800 offers great value for businesses seeking to enhance their nitrogen supply reliability. The complete set of equipment is delivered within 45 days after receiving the advance payment, ensuring timely deployment.

Payment terms are structured to provide security and flexibility, with 40% of the contract amount prepaid and the remaining 60% payable after inspection and approval before shipment. The NG800's design emphasizes low power consumption, making it an energy-efficient choice for continuous industrial use. Delivered through the port of Shanghai, this skid nitrogen generator is ready to serve industries worldwide.

In summary, the GASPU NG800 skid nitrogen generator is a versatile, efficient, and reliable solution for industrial nitrogen needs. Its high

purity output, compact skid design, and low consumption power feature make it an essential tool for businesses aiming to improve production quality and operational efficiency across various sectors.

### **Packing and Shipping:**

Our PSA Nitrogen Generator is carefully packaged to ensure it arrives in perfect condition. The unit is securely placed in a custom-fitted foam mold within a sturdy, double-walled cardboard box to protect against impacts during transit. All accessories, manuals, and cables are neatly organized and included inside the package.

For shipping, we use reliable carriers with tracking and insurance options to guarantee safe and timely delivery. The PSA Nitrogen Generator is shipped with clear handling instructions and labeled as fragile to prevent any damage. We also provide options for expedited shipping and international delivery to meet your needs.



**Suzhou Gaopu Ultra pure gas technology Co.,Ltd**



+8613912609547



luyycn@163.com



nitrogengeneratorsystem.com

No.161 Zhongfeng Street, Suzhou New District, Suzhou, P.R.China