

## Customized PSA Nitrogen Generator with Touch Screen Display and $\leq 60\text{dB}$ Noise for Steel Wire Heating

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

- Control Method: SIEMENS Auto Control
- Heating Treatment For: Steel Wire
- Removebale: Yes
- Nitrogen Dew Point: -40 Or -60
- Capaicty: 5-5000 Nm<sup>3</sup>/h
- Pressure: 0.4~1.0Mpa
- Nitrogen Pressure: 0.1-0.7Mpa
- Body Material: Stainless, Carbon Steel
- Highlight: **PSA nitrogen generator with touch screen, customized nitrogen generator for steel wire heating, low noise PSA nitrogen generator  $\leq 60\text{dB}$**

**Product Description:**

The PSA Nitrogen Generator is a highly efficient and reliable solution designed to meet the diverse nitrogen generation needs across various industries. Offering a capacity range from 5 to 5000 Nm<sup>3</sup>/h, this skid nitrogen generator is perfect for applications requiring a continuous and consistent supply of high-purity nitrogen gas. Whether you need nitrogen for small-scale laboratory use or large industrial processes, this system can be tailored to deliver precise volumes to suit your operational requirements.

One of the standout features of this skid nitrogen generator is its use of Carbon Molecular Sieves (CMS) as the adsorbent material. Carbon Molecular Sieves are known for their excellent selectivity and durability, which allow the generator to efficiently separate nitrogen from compressed air. This advanced adsorption technology ensures that the nitrogen produced has a purity ranging from 97% up to an impressive 99.999%, making it suitable for even the most demanding applications. The high purity levels guarantee optimal performance in processes where nitrogen quality is critical.

Noise pollution is often a concern in industrial environments, and this skid nitrogen generator addresses that issue effectively. With a noise level of less than 65 dB, it operates quietly, minimizing disruption to your workspace and ensuring a more comfortable working environment. This low noise output is particularly beneficial in settings such as laboratories, manufacturing plants, and food packaging areas where noise control is essential.

The PSA Nitrogen Generator is specifically designed to support heating treatments for steel wire, a process that requires precise nitrogen atmospheres to prevent oxidation and ensure material integrity. By providing a stable nitrogen supply with adjustable purity, this generator enhances the quality and consistency of steel wire treatment. The controlled environment created by the nitrogen atmosphere extends the lifespan of steel wire products and improves their performance in various applications.

As a skid-mounted system, this nitrogen generator offers exceptional flexibility and ease of installation. The compact skid design integrates all necessary components onto a single frame, simplifying transportation, setup, and maintenance. This modular approach allows users to quickly deploy the generator on-site without extensive infrastructure modifications, reducing downtime and installation costs. Additionally, the skid configuration facilitates easy relocation, making it suitable for changing operational needs or temporary projects.

In summary, the PSA Nitrogen Generator is an outstanding choice for businesses seeking a dependable and high-performance nitrogen supply. Its wide capacity range of 5 to 5000 Nm<sup>3</sup>/h, use of Carbon Molecular Sieves, low noise emission below 65 dB, and nitrogen purity between 97% and 99.999% make it a versatile and effective solution. The system's design, particularly its suitability for heating treatment of steel wire and its skid-mounted format, further enhances its appeal for industrial applications. Whether you require nitrogen for manufacturing, chemical processing, food packaging, or metal treatment, this skid nitrogen generator delivers superior quality and efficiency to meet your needs.

**Features:**

- Product Name: PSA Nitrogen Generator
- Body Material: Stainless Steel, Carbon Steel
- Nitrogen Pressure Range: 0.1-0.7 Mpa
- Display: Touch Screen for easy operation
- Removable Design for convenient maintenance
- Customized options available to meet specific requirements
- Highly efficient skid nitrogen generator suitable for various industrial applications
- Compact and reliable skid nitrogen generator design
- Advanced technology skid nitrogen generator ensuring stable nitrogen output

**Technical Parameters:**

Nitrogen Dew Point	-40 Or -60
Capacity	5-5000 Nm <sup>3</sup> /h
Customized	Yes
Display	Touch Screen
Nitrogen Purity	97~99.999%
Noise Level	< 65 DB
Heating Treatment For	Steel Wire
Pressure	0.4~1.0 Mpa
Control Method	SIEMENS Auto Control
Removable	Yes

**Applications:**

The GASPU.NG800 PSA.Nitrogen Generator, originating from Suzhou and certified with ISO90001, is an advanced skid nitrogen generator designed to meet diverse industrial needs. This high-quality equipment is packaged securely in cartons and delivered as a complete set within 45 days after receiving the advance payment. With a minimum order quantity of just one unit and priced at \$100,000, it offers an excellent investment opportunity for businesses requiring reliable nitrogen generation.

This skid nitrogen generator is ideal for a wide range of application occasions and scenarios. One prominent use is in the heating treatment of steel wire, where precise nitrogen pressure control between 0.1 to 0.7 Mpa is crucial to ensure product quality and consistency. The NG800's air factor ranging from 2.6 to 3.5 enables efficient nitrogen production, making it suitable for continuous industrial operations that demand stable and pure nitrogen supply.

Equipped with SIEMENS auto control technology, this skid nitrogen generator offers automated and user-friendly operation, minimizing manual intervention and maximizing operational efficiency. The customization option allows users to tailor the system according to specific production requirements, enhancing flexibility across different industrial sectors.

Typical scenarios for the GASPU NG800 skid nitrogen generator include metal processing plants, chemical manufacturing, food packaging, electronics production, and pharmaceutical industries. In metal processing, especially steel wire heating treatment, the nitrogen atmosphere prevents oxidation and ensures superior product quality. In food packaging, the generator helps in creating an inert atmosphere to extend shelf life. In electronics and pharmaceuticals, the controlled nitrogen environment prevents contamination and moisture damage.

Purchasing the GASPU NG800 involves a payment term where 40% of the contract amount is prepaid, and the remaining 60% is paid after inspection and approval before shipment, ensuring customer satisfaction. The skid nitrogen generator's robust design and certified quality make it a reliable choice for businesses aiming to enhance their production processes with an efficient nitrogen supply system.

## Customization:

The GASPU NG800 PSA Nitrogen Generator is a high-quality skid nitrogen generator designed and manufactured in Suzhou. This skid nitrogen generator is certified with ISO90001, ensuring reliable performance and durability. With a minimum order quantity of just 1 unit, this skid nitrogen generator is competitively priced at \$100,000.

Our skid nitrogen generator features a noise level of less than 65 dB, with an operational noise level of ≤60dB, making it suitable for use in environments where low noise is essential. The generator operates at a pressure range of 0.4 to 1.0 Mpa and is specifically designed for heating treatment of steel wire.

The body material of the GASPU NG800 skid nitrogen generator is made from high-quality stainless steel and carbon steel, ensuring robust construction and long service life. Each unit is carefully packaged in cartons for secure delivery.

Delivery time for the complete set of equipment is within 45 days after receiving the advance payment. Payment terms include a 40% prepayment of the contract amount, with the remaining 60% paid after inspection and approval of the goods before shipment. Choose the GASPU NG800 skid nitrogen generator for efficient, reliable nitrogen generation tailored to your industrial needs.

## Support and Services:

Our PSA Nitrogen Generator is designed to provide a reliable and efficient source of high-purity nitrogen for various industrial applications. To ensure optimal performance and longevity of your generator, we offer comprehensive technical support and services. Technical Support includes expert guidance for installation, operation, and maintenance. Our team is available to assist with troubleshooting, system optimization, and any technical inquiries to help you maximize the efficiency of your nitrogen generation system. We provide detailed user manuals, maintenance schedules, and operational best practices to ensure your PSA Nitrogen Generator operates smoothly. Regular maintenance services, including filter replacements and system inspections, are recommended to maintain peak performance.

In addition, we offer training sessions for your staff to familiarize them with the system's functionalities and safety protocols. Our support also covers software updates and calibration services to keep your generator up to date and accurate.

For any issues beyond routine maintenance, our service technicians are available to perform repairs and system upgrades. We use only genuine replacement parts to guarantee the reliability and durability of your PSA Nitrogen Generator.

Partner with us for professional technical support and comprehensive services that ensure your PSA Nitrogen Generator delivers consistent, high-quality nitrogen supply tailored to your operational needs.

## Packing and Shipping:

**Product Packaging:** The PSA Nitrogen Generator is securely packaged using high-quality, durable materials to ensure safe transportation. Each unit is carefully wrapped with protective foam and placed inside a sturdy cardboard box. The packaging includes clear labeling with product information, handling instructions, and safety warnings to ensure proper care during transit.

**Shipping:** The PSA Nitrogen Generator is shipped via reliable freight carriers to ensure timely and safe delivery. We offer various shipping options including standard, expedited, and freight shipping to accommodate customer needs. Each shipment is tracked and insured to provide peace of mind. For international orders, customs documentation and compliance with import regulations are handled to facilitate smooth delivery.

## FAQ:

### Q1: What is the brand and model number of this PSA Nitrogen Generator?

A1: The PSA Nitrogen Generator is branded GASPU and the model number is NG800.

### Q2: Where is the PSA Nitrogen Generator manufactured?

A2: The PSA Nitrogen Generator NG800 is manufactured in Suzhou.

### Q3: What certifications does the GASPU NG800 PSA Nitrogen Generator have?

A3: This product is certified with ISO90001, ensuring its quality management standards.

### Q4: What is the minimum order quantity and price for the GASPU NG800 PSA Nitrogen Generator?

A4: The minimum order quantity is 1 unit, and the price is \$100,000 per unit.

### Q5: What are the delivery time and payment terms for ordering the PSA Nitrogen Generator?

A5: The complete set of equipment will be provided within 45 days after receiving the advance payment. Payment terms are 40% prepaid as advance, and 60% paid after the goods are inspected and approved before shipment.

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