

8 to 10 Years Life Span Skid Nitrogen Generator Industrial Nitrogen Production System Delivering High Purity Nitrogen Gas

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

- Life Span: 8-10 Years
- Capacity: 100 Nm³/h
- Inlet Diameter: DN25
- Adsorbent type: Carbon Molecular Sieve (CMS)
- Origin: China
- Nitrogen Capacity: 20 Nm³ / Hour
- Usage: Industrial Nitrogen
- Characteristics: Portable Movable
- Highlight: **8-10 year lifespan PSA nitrogen generator , industrial nitrogen production system, high purity nitrogen gas generator**



Product Description:

The PSA Nitrogen Generator is an advanced industrial solution designed to produce high-purity nitrogen gas efficiently and reliably. With a nitrogen capacity of 20 Nm³ per hour, this generator is ideal for various industrial applications requiring a consistent and continuous supply of nitrogen. Engineered with precision and utilizing cutting-edge technology, this skid nitrogen generator ensures optimal performance while maintaining low operational costs.

One of the standout features of this skid nitrogen generator is its use of Carbon Molecular Sieve (CMS) as the adsorbent material. CMS is renowned for its exceptional ability to separate nitrogen from compressed air through the Pressure Swing Adsorption (PSA) process. This results in nitrogen with high purity levels, suitable for sensitive industrial processes such as electronics manufacturing, food packaging, chemical processing, and pharmaceutical production. The CMS adsorbent enhances the efficiency and longevity of the generator, making it a dependable choice for continuous industrial nitrogen generation.

Designed for ease of installation and operation, this skid nitrogen generator comes as a compact, ready-to-use unit. The skid-mounted design means all components are pre-assembled on a single frame, reducing on-site installation time and minimizing the need for extensive infrastructure. This feature makes it particularly advantageous for industries in need of a turnkey nitrogen generation solution that can be quickly deployed and integrated into existing systems. Additionally, the portability of the skid design allows for flexible placement within industrial facilities, optimizing space utilization and operational flow.

Operating from the port of Shanghai, this PSA Nitrogen Generator benefits from strategic logistical advantages, ensuring timely delivery and efficient supply chain management. Industries located in and around this major shipping hub can expect prompt access to the generator, supported by reliable after-sales service and technical support. The proximity to Shanghai port also facilitates easy export to international markets, making this skid nitrogen generator a globally accessible solution for nitrogen generation needs.

Energy efficiency is a critical aspect of this nitrogen generator's design. The unit features low power consumption, which significantly reduces operational costs and minimizes environmental impact. By optimizing the PSA process and utilizing energy-saving components, the generator ensures that industrial users can maintain high nitrogen output without excessive energy expenditure. This low consumption attribute aligns with modern industry standards focused on sustainability and cost-effectiveness, making the skid nitrogen generator an environmentally responsible choice for businesses.

The primary application of this PSA Nitrogen Generator is in industrial nitrogen production, where large volumes of nitrogen are essential for various manufacturing and processing activities. Whether it's creating inert atmospheres to prevent oxidation, purging pipelines, or supporting chemical reactions, this generator delivers a steady and reliable nitrogen supply. Its robust construction and advanced technology guarantee long-term durability and consistent performance, even under demanding industrial conditions.

In summary, the PSA Nitrogen Generator with a nitrogen capacity of 20 Nm³ per hour is a highly efficient, compact, and reliable solution for industrial nitrogen needs. Its skid-mounted design, powered by Carbon Molecular Sieve technology, provides high-purity nitrogen with low energy consumption. Conveniently shipped from the port of Shanghai, this skid nitrogen generator offers excellent logistical advantages and is backed by strong technical support. For industries seeking a sustainable, cost-effective, and dependable nitrogen generation system, this skid nitrogen generator stands out as an ideal choice.

Technical Parameters:

Power Feature	Low Consumption
Adsorbent Type	Carbon Molecular Sieve (CMS)
Capacity	100 Nm ³ /h
Color	White
Nitrogen Capacity	20 Nm ³ /Hour
Usage	Industrial Nitrogen
Noise	Below 70db (A)
Origin	China
Life Span	8-10 Years
Characteristics	Portable Movable

Applications:

The GASPU NG800 PSA Nitrogen Generator, originating from Suzhou and certified with ISO90001, is a highly efficient and reliable solution designed for a wide range of industrial applications. This skid nitrogen generator, crafted with a durable stainless steel tower and finished in a sleek white color, offers low power consumption, making it an economical choice for continuous nitrogen production. Its portable and movable design allows for easy relocation and installation across various sites, enhancing operational flexibility.

This skid nitrogen generator is ideal for industries requiring a consistent and high-purity nitrogen supply. In the food and beverage sector, it is widely used for nitrogen flushing and packaging to extend shelf life and maintain product freshness. The pharmaceutical industry benefits from the NG800 in creating controlled atmospheres for drug manufacturing and packaging, ensuring product safety and quality. Additionally, this generator finds extensive use in electronics manufacturing, where nitrogen is employed to create inert atmospheres during soldering processes.

In metal fabrication and chemical processing plants, the GASPU NG800 serves as a critical component for inert gas blanketing, reducing oxidation and preventing hazardous reactions. Its portability and compact skid-mounted design make it suitable for on-site applications such as oil and gas exploration, where mobility and quick deployment are essential. Furthermore, laboratories and research facilities utilize this skid nitrogen generator for various analytical and experimental procedures requiring pure nitrogen gas.

The NG800 model is shipped in secure carton packaging to ensure safe delivery, with the complete set of equipment provided within 45 days upon receiving the advance payment. The payment terms are structured to facilitate smooth transactions, requiring 40% prepaid of

the contract amount and the remaining 60% paid after inspection and approval before shipment. With an inlet diameter of DN25, this skid nitrogen generator is compatible with a wide range of existing systems, facilitating easy integration.

Overall, the GASPU NG800 skid nitrogen generator is a versatile, efficient, and portable nitrogen supply solution suitable for diverse application occasions and scenarios, ranging from industrial manufacturing and food packaging to research and onsite operations. Its combination of quality, mobility, and low power consumption makes it an excellent investment for businesses seeking reliable nitrogen generation capabilities.

Packing and Shipping:

Product Packaging: The PSA Nitrogen Generator is carefully packaged to ensure safe delivery and protection during transportation. Each unit is securely placed in a custom-fitted foam insert within a sturdy, double-walled corrugated cardboard box. The packaging includes protective corner guards and moisture-resistant wrapping to prevent damage from impacts, vibrations, and environmental factors. All accessories, manuals, and cables are neatly organized and included in the package. Clear labeling with handling instructions and product information is affixed to the exterior of the box.

Shipping: The PSA Nitrogen Generator is shipped via reliable freight carriers with options for air, sea, or land transport depending on the destination. Each shipment is tracked and insured to guarantee safe and timely delivery. Prior to shipping, the generator undergoes a thorough quality check and operational test. Shipping documentation, including the invoice, packing list, and certificate of conformity, is provided with each order. Special arrangements for expedited shipping or custom clearance assistance are available upon request.



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