

## PSA Nitrogen Generator Machine 100Nm<sup>3</sup>/h 99.99% Purity with Skid-Mounted Design

Our Product Introduction

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### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: GASPU
- Certification: CE, ISO 9001
- Model Number: NG800-S100
- Minimum Order Quantity: 1 Set
- Price: USD 18000-35000 / Set
- Packaging Details: Plywood case with waterproof film, export standard
- Delivery Time: 35-50 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 40 Sets per Month



### Product Specification

- Nitrogen Flow: 100 Nm<sup>3</sup>/h
- Nitrogen Purity: 99.99%
- Dew Point: ≤ -40 °C
- Outlet Pressure: 0.1-0.6 MPa
- Power Supply: 220V/380V/440V 50/60Hz
- Control: PLC + Touch Screen
- Design: Skid-Mounted / Container Ready
- Warranty: 1 Year
- Highlight: **Skid-Mounted PSA Nitrogen Machine, 100Nm<sup>3</sup>/h Nitrogen Production Skid, Container Ready N<sub>2</sub> Generator Skid**

## Product Description

### GASPU Skid-Mounted PSA Nitrogen Generator — 100 Nm<sup>3</sup>/h, 99.99% Purity

The GASPU NG800-S100 is a container-ready, skid-mounted PSA nitrogen generator engineered for medium and large on-site nitrogen demand. All core modules — compressor, dryer, filters, twin adsorption towers and buffer tank — are mounted on one reinforced frame and factory-tested, enabling rapid deployment and start-up.

#### Key Features

- Skid-mounted frame ready for container loading and quick site installation.
- 99.99% purity nitrogen output, adjustable via PLC control system.
- Carbon Molecular Sieve (CMS) adsorption with stable, long-life performance.
- Fully automatic twin-tower PSA cycle for continuous nitrogen production.
- Energy-saving design with low operating and maintenance cost.

#### Technical Specifications

| Parameter       | Value                               |
|-----------------|-------------------------------------|
| Nitrogen Flow   | 100 Nm <sup>3</sup> /h              |
| Nitrogen Purity | 99.99%                              |
| Dew Point       | ≤ -40 °C                            |
| Outlet Pressure | 0.1 - 0.6 MPa                       |
| Power Supply    | 220V / 380V / 440V, 50/60Hz         |
| Control         | PLC + Touch Screen, fully automatic |
| Design          | Skid-mounted, container ready       |

#### Applications

- Chemical and oil & gas nitrogen blanketing
- New energy battery and photovoltaic manufacturing
- Powder metallurgy sintering
- Grain storage and coal mine safety

Get a reliable on-site nitrogen supply with GASPU. Contact our sales team today for a quotation.



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