

30 Nm3/h PSA Nitrogen Generator with 99.99% Purity for Stainless Steel Laser Cutting

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GPN-99.99-30H
- Minimum Order Quantity: 1 Set
- Price: USD 26000-105000 / Set
- Packaging Details: Export wooden case package with foam protection
- Delivery Time: 30-45 working days
- Payment Terms: T/T,L/C
- Supply Ability: 20 Sets per Month



Product Specification

- Flow Rate: 30 Nm3/h
- Working Pressure: 0.6-1.0 MPa
- Control System: PLC Automatic
- Voltage: 380V 50Hz 3Phase
- Design: Skid-Mounted Machine
- Nitrogen Purity: 99.99%
- Highlight: **30 Nm3/h N2 Generator Machine, 99.99% Purity Stainless Cutting, Laser Cutting Nitrogen System**

Product Description

30 Nm³/h Nitrogen Generator Machine 99.99% Purity On-Site N₂ System for Stainless Steel Cutting

The **30 Nm³/h Nitrogen Generator Machine** is a complete on-site N₂ system producing 99.99% pure nitrogen for stainless steel laser cutting. This skid-mounted machine integrates PSA technology with premium carbon molecular sieves, delivering consistent high-purity gas that keeps stainless steel cut edges bright and oxidation-free.

Precision Stainless Steel Cutting

- 99.99% nitrogen purity prevents edge oxidation and discoloration
- 30 Nm³/h stable output supports continuous laser cutting operation
- Consistent purity improves cut quality and reduces rework

Complete Machine Package

- Skid-mounted design with integrated control panel
- PLC automatic operation with real-time purity display
- Quick installation, ready for production within days

Economical On-Site Generation

- Eliminates cylinder handling and liquid nitrogen costs
- Low energy consumption per Nm³ of nitrogen
- Long-life carbon molecular sieves reduce maintenance

Contact us today to get the 30 Nm³/h nitrogen generator machine for your stainless steel laser cutting workshop.



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