

30 Nm3/h 99.99% Purity PSA Nitrogen Generator for Steel Laser Cutting On-Site N2 Plant

Our Product Introduction

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Basic Information

- Place of Origin: Suzhou, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GPN-99.99-30S
- Minimum Order Quantity: 1 Set
- Price: USD 28000-110000 / 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
- Voltage: 380V 50Hz 3Phase
- Working Pressure: 0.6-1.0 MPa
- Control System: PLC Automatic
- Nitrogen Purity: 99.99%
- Design: On-Site Plant Skid
- Highlight: **30 Nm3/h On-Site N2 Plant, 99.99% Purity Steel Cutting, Laser Cutting Nitrogen Generator**

Product Description

PSA Nitrogen Generator 30 Nm³/h 99.99% Purity On-Site N₂ Plant for Steel Laser Cutting

The **PSA Nitrogen Generator** with 30 Nm³/h output is a complete on-site N₂ plant delivering 99.99% purity for steel laser cutting applications. This system produces high-purity nitrogen continuously, preventing oxidation of cut surfaces and ensuring superior edge quality on carbon steel and stainless steel.

Steel Laser Cutting Performance

- 99.99% nitrogen purity eliminates edge oxidation and dross
- Continuous 30 Nm³/h supply supports high-speed cutting
- Consistent gas quality improves cutting speed and consumable life

Complete On-Site N₂ Plant

- Integrated skid package: air compressor, dryer, PSA unit and buffer tank
- PLC controller with remote monitoring capability
- Automatic purity alarm for safe unattended operation

Cost Saving Benefits

- On-site generation cuts nitrogen cost versus cylinder supply
- No logistics or cylinder rental fees
- Reliable spare parts supply and after-sales support

Request a quote now to power your steel laser cutting line with this 30 Nm³/h 99.99% PSA nitrogen generator plant.



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