

Truck or Trailer-Mounted Nitrogen Membrane Generators

Our custom designed Truck & Trailer Combo Series will allow for a dramatically more compact and mobile membrane systems. The key to this new product line is maximum mobility by combining air supply, membrane nitrogen generation and nitrogen booster compression and then to install it all on one truck that is easily operated. Where other membrane systems and inert gas generators require multiple transports and long setup/breakdown times, our Combo Series is already mounted on a single trailer, interconnected, calibrated, and ready for operation.



Complete systems are packaged in our Houston ISO 9001:2000 - certified fabrication shop to meet your exact requirements. To handle your short-term needs, IGS maintains an extensive fleet of mobile nitrogen generators for rental through **Global Nitrogen Services**.

Using the patented Generon® membrane, we offer the lowest cost Nitrogen production on the market today. The actual air separation process takes place in the nitrogen membrane modules.

- Custom-Built
- Truck Or Trailer-Mounted
- Fully-Integrated With Primary Compression And Booster Capabilities
- You Pick The Truck, Engine And Options
- Your Exact Specifications
- Nitrogen Purities From 90-99%, Systems Include Fully Automatic Nitrogen Purity Control
- Equipped With Certified Oxygen Analyzer
- Nitrogen Flow Meters For Accurate Monitoring And Control

Mobil Nitrogen Generators



Truck or Trailer Mounted Nitrogen Generator Membrane Generators

Feature	U.S. Standard	S.I. Standard
Truck Unit	500 scfm to 1500 scfm	14 Nm ³ /m to 42 Nm ³ /m
Trailer Unit	500 scfm to 3000 scfm	14 Nm ³ /m to 85 Nm ³ /m
Supply Pressures	200-500 psig standard	13.7 bar(g) to 34 bar(g)
Booster Capabilities	Up to 5000 psig	345 bar(g)
Nitrogen Dew Point	-70° F	-57° C

OPTIONS OFFERED:

- Mist pumps/foaming units
- Standard to off road truck suspension (4 wheel drive, sand tires, etc.)
- High ambient environments

FEATURES

Operational Efficiency

- Enhanced mobility and rapid deployment
- Complete self-sustainability
- Single-man operations

Flexibility

- High and low pressure nitrogen delivery options
- Wide operational temperature range

Reduced Costs

- Moderate dimensions and light weight designs
- No special air quality requirements
- No need to bring in liquid nitrogen or nitrogen tube trailers
- Extended operational life

Ease of Use

- Single-platform equipment installation
- Complete automation and improved serviceability
- Quick system start-up and shutdown

APPLICATIONS AND SERVICES

- Blanketing
- De-Gassing
- Drying
- Enhanced Oil Recovery
- Gas List
- Leak Testing
- Mine Seal Inerting
- Pipeline Purging
- Pigging
- Platform Turn Arounds
- Purging
- Refinery Turn Arounds
- UBD
- Well Completion

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