



MNG-4 NitroGen Rapid Serve



CvINTERNATIONAL
MNG4
MOBILE NITROGEN GENERATOR

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MNG-4 NitroGen RS

Cv International's **Mobile Nitrogen Generator** is built for unmatched flexibility and durability, featuring a **hybrid power supply** that operates on **480V at 60Hz, 400V at 50Hz, or diesel**, ensuring adaptability in any environment. Engineered for **extended operational performance**, it runs continuously for a full day on a single tank and delivers peak efficiency at **altitudes up to 10,000 feet** and temperatures ranging from **0°F to 120°F**. Its **multi-fuel capability**, with national security exemptions, enhances logistical readiness, while a **modular, scalable design** allows for customized configurations to meet mission-specific needs.

Key Features & Benefits:

- **Military & Defense** Aircraft maintenance, ground support (U.S. Air Force, Navy, Army, Marines, National Guard)
- **Aerospace Industry** Commercial & private aviation nitrogen servicing
- **Industrial Applications** Inerting, purging, and pressurization for manufacturing & field operations
- **Remote Operations** Tactical & expeditionary units needing on-site nitrogen generation

99.5% PURITY

Tested and certified purity levels of 99.5% at 13 to 15 SCFM and capable of pushing 5000 PSI.

INTEGRATION

Seamless integration with Cvi nitrogen systems

- J-108 Nitrogen Trailer
- CFK Remote Bottle Fill Stations
- NDSK Nitrogen Cart
- NBSS Nitrogen Backpack
- MNU Nitrogen Servicing Vehicle

N2 & AIR SERVICING

Nitrogen servicing up to 5000 psig
 Air servicing at 150 psig (tool pressure)

- Tool Air Service
- Tire Filling
- Strut Servicing
- Cylinder Filling
- EPU Purging

OPTION: NBSS-3

NBSS-3 N2 SERVICE KIT

Cv International's Low Pressure Service Kit (LPSK) and High Pressure Service Kit (HPSK) deliver precision and safety for nitrogen servicing.

LPSK: Compact aluminum housing with supply, fill, and tire pressure gauges (0-5000 psig, 0-200 psig), a pressure regulator (0-400 psig), built-in bleed valve, and a 150 psig safety relief valve—ensuring controlled, low-pressure servicing.



HPSK: Engineered for high-pressure applications, featuring a rugged aluminum enclosure, supply and fill gauges (0-5000 psig), a high-pressure regulator (0-5000 psig), check valve, shut-off/bleed valve, and a 48-inch high-pressure service hose with a precision chuck.

Built for reliability and efficiency, these kits ensure seamless nitrogen servicing across various applications.

PERFORMANCE

| | |
|-----------------|--|
| N2 FLOW | 13 to 15 SCFM |
| PRESSURE | 0-600 PSI & 0-5000 PSI |
| PURITY (%N2) | 99.5 % |
| NITROGEN GRADE | A-A-5903 TYPE 1, CLASS 1, GRADE B |
| STORAGE (SCF) | 1140 CF @5000 PSI |
| WEIGHT (LBS.) | <4000 |
| POWER SOURCE | FINAL TIER 4 DIESEL ENGINE, 480V @ 60Hz, 400V @ 50Hz |
| FEATURES | BOTTLE SAFETY FILL STATION, TOOL AIR SUPPLY |
| OPERATING TEMP. | 0 F TO 120 F |
| DIMENSIONS | 90" X 60" X 64" |



Power Source

Final Tier 4 Diesel Engine
 26 Gallon Diesel Fuel Tank
 Exhaust Free 480V 3-Phase Electric

Part Number:

906000
 NSN: 3655-01-463-8067
 Width: 62.5"
 Length: 105"
 Height: 68"
 Weight Est.: 6,000 lbs.

NBSS-3

Part Number: 410700-3
 NSN: 3655-01-559-0617