

### **COMMERCIAL USE**

# UNIT SPECIFICATION • MNG-2A/SP-7A

#### PERFORMANCE

- Inert gas purity: 97 to 99%
- Inert gas continuous output: 8-10 scfm @ 4000 psig.
- Inert gas quality: -55°C (-67°F) atmospheric dew point.
- Inert gas composition: Nitrogen and trace inert gases: Neon, Argon, and Helium.
- Operating environment: -51°C (-60°F) to +49°C (+120°F)

# STANDARD FEATURES

- Diesel engine driven.
- 10 U.S. Gallon capacity aluminum diesel fuel tank.
- OPTIMA gel 800U 12VDC battery.
- Applicable fuels: JP5, DF-1, DF-2, DF-A, and JET A and JET A-1.

#### FEED AIR COMPRESSOR

- Bauer Compressors, Inc. Model NK60 rotary screw compressor.
- · Maintenance indicators on Air/Oil separator and oil filter.
- Heavy-duty inlet filter and maintenance indicator.
- Low-pressure filter system with automatic drains.
- Oxygen Analyzer for Nitrogen quality.

#### MEMBRANE AIR SEPARATOR MODULE

PERMEA, Inc. Model PA4030 air separator membranes. (Qty 3).

#### HIGH PRESSURE BOOSTER COMPRESSOR

- Bauer Compressors, Inc. Model BK 12.2II reciprocating booster compressor.
- High pressure filter and solenoid activated automatic condensate drain system.

#### **INERT GAS SERVICE**

- Final storage pressure: 4000 psig.
- Standard inert gas storage capacity (nominal at standard conditions): 460 cu. ft. to 920 cu. ft. @ 4000 psig.
- Low-pressure nitrogen hose reel with 50 ft of servicing hose for servicing pressures from 0 to 500 psig.
- High-pressure nitrogen hose reel with 50 ft of servicing hose for servicing pressures from 0 to 4000 psig.

#### ENCLOSURE

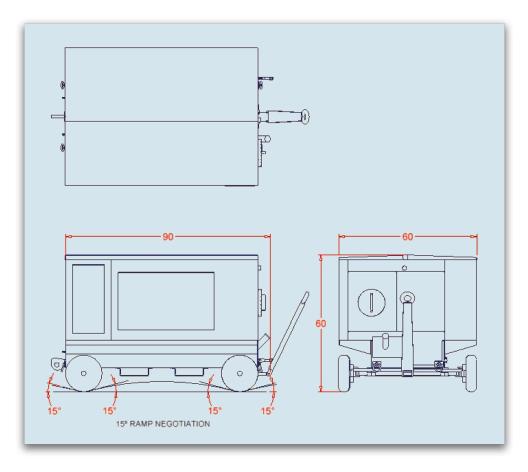
- · Weather resistant enclosure with filters fitted on cooling air inlet.
- Four-wheel 15-MPH running gear, tow bar with lunette eye, handbrake and pintle hook on rear of the frame.
- Forklift shoes and main frame tie down rings.
  - A single, operator control panel / diagnostic panel including but not limited to the following equipment:
  - High Pressure nitrogen receiver pressure gauge
    - Low and high pressure compressor gauges
    - Low and high pressure nitrogen servicing hose controls
    - Engine start controls including ignition switch, hour meter, tachometer and glow indicator
    - Fuel level gauge
    - Voltmeter
    - Panel lights
    - Nitrogen system temperature switch/gauges
  - Engine oil and temperature gauges
  - Inert gas sample port
- Enclosure fabricated from sheet metal including a combination of hinged and fixed panels for cooling air, storage access and maintenance panels.
- Length: 90" (tow bar up and stowed, not including pintle hook), Width: 60", Height: 60".
- Weight: approximately 3200 lbs.

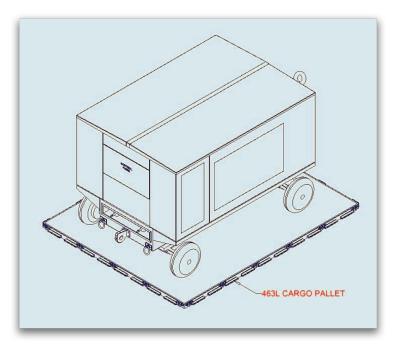
### AVAILABLE ON GSA CONTRACT NUMBER: GS07F014DA





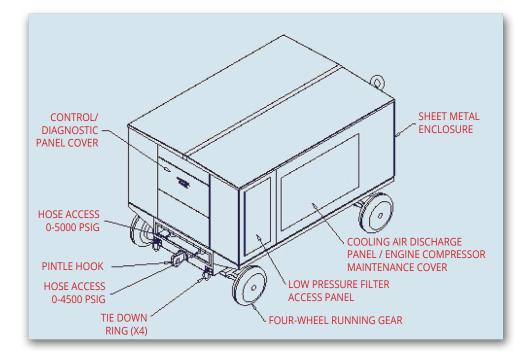
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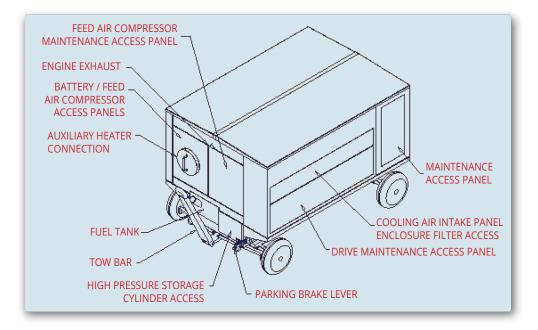






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