

Nitrogen Units



Inter Group FZCO

Unit Specifications:

- ⊕ **Skid-Mounted Self-Contained Liquid Nitrogen Pump and Vaporizer System complete with High Pressure Triplex Pump, Heat Recovery Vaporizing System and All Necessary Instrumentation and Controls for Local Operation.**
- ⊕ **Maximum Working Pressure: 10,000 PSI**
- ⊕ **Hydrostatic Test Pressure: 15,000 PSI**
- ⊕ **Maximum Flow Rate: 180,000 SCFH**
- ⊕ **Fuel Capacity: 100 US Gallons**
- ⊕ **Both Pump and Vaporizer are supplied by a cogenerative diesel power pack, which converts waste engine heat generated by the hydraulics into useful heat for nitrogen vaporization.**
- ⊕ **Training/commission of unit conducted at customer's location**



Major Components:

- ⊕ **Liquid Nitrogen Pump**
 - ⊕ **Model GUPD triplex reciprocating cryogenic pump**
 - ⊕ **1.625" Bore Size**
 - ⊕ **1.5" Stroke**
 - ⊕ **10,000 PSI Max Operating Pressure**
 - ⊕ **180,000 SCFH Max Flow Rate**
- ⊕ **Vaporizer**
 - ⊕ **Diesel Engine Heat Recovery System designed to convert engine heat and waste system heat into useful heat for Nitrogen vaporization. "POT" type vaporizer.**
 - ⊕ **180,000 SCFH Capacity**
 - ⊕ **10,000 PSI Max Working Pressure**
 - ⊕ **15,000 PSI Hydrostatic Test Pressure**
- ⊕ **Engine as specified by customer**
- ⊕ **Liquid Nitrogen Charge Pump**
 - ⊕ **Liquid Nitrogen Centrifugal Pump Model 1½ x 2½ x 6**
- ⊕ **Local operator control panel contains all necessary instruments and controls to ensure safe, efficient and reliable operation**



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