

ULTRA HIGH RATE QUINTEPLEX NITROGEN UNIT



Sanjel's Ultra High Rate Quinteplex Nitrogen Unit is a mobile and self-contained unit, designed to pump nitrogen at extremely high rates. With its expanded high rate capabilities, the Ultra High Rate Quinteplex Nitrogen Unit reduces the equipment requirement on location, and is advantageous for a broad range of nitrogen applications.

Applications

- Unconventional gas stimulation, CBM fracturing
- Conventional fracturing
- Nitrified acid stimulation
- Wellbore cleanouts
- Underbalanced milling and drilling
- Pipeline purging and pressure testing
- Foam cementing

Equipment

- Heated control cabin
- Electronic rate and pressure displays
- Overpressure shut down safety feature

Performance

- Discharge Rates: 80 – 700+ scm/min
- Vaporizer Type: Diesel Fired Heat Exchanger
- Discharge Pressures: 0 – 103 MPa
- Discharge Temperatures: -40°C to +150°C (rate dependent)
- Nitrogen Storage Capacity: 5250 scm
- Engine: 1 – 930 kW
- 5 speed automatic transmission