

# NITROGEN UNITS



Sanjel's Nitrogen Units offer low, intermediate and high rate pumping and pressure capabilities for use in a wide variety of applications. Sanjel's flameless nitrogen units are used for live well applications.

## Applications

- Nitrified acid stimulation
- Wellbore cleanouts
- Wellbore fracturing and stimulation
- Coiled tubing support
- Underbalanced milling and drilling
- Pipeline purging and pressure testing
- Foam cementing
- Live well capabilities (Flameless units)

## Equipment

- Heated control cabin
- Electronic rate and pressure displays
- Overpressure shut down safety feature
- Storage Tank Capacity: 3000 usg

## Performance

### Low Rate Pumping Unit

- Discharge Rates: 175 – 2850 scf/min
- Vaporizer Type: Flameless Converter
- Discharge Pressures: 0 – 10000 psi
- Discharge Temperatures: -40°F to +104°F

### Intermediate Rate Pumping Unit

- Discharge Rates: 350 – 6000 scf/min
- Vaporizer Type: Diesel Fired Heat Exchanger
- Discharge Pressures: 0 – 10000 psi
- Discharge Temperatures: -40°F to +302°F

### High Rate Pumping Unit

- Discharge Rates: 350 – 11000 scf/min
- Vaporizer Type: Diesel Fired Heat Exchanger
- Discharge Pressures: 0 – 10000 psi
- Discharge Temperatures: -40°F to +302°F