

# 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 applications (Flameless units)

## Equipment

- Heated control cabin
- Electronic rate and pressure displays
- Overpressure shut down safety feature
- Storage Tank Capacity: 7886 scm

## Performance

### Low Rate Pumping Unit

- Discharge Rates: 5 – 80 m<sup>3</sup>/min
- Vaporizer Type: Flameless Converter
- Discharge Pressures: 0 – 70000 kPa
- Discharge Temperatures: -40°C to +40°C

### Intermediate Rate Pumping Unit

- Discharge Rates: 10 – 170 m<sup>3</sup>/min
- Vaporizer Type: Diesel Fired Heat Exchanger
- Discharge Pressures: 0 – 70000 kPa
- Discharge Temperatures: -40°C to +150°C

### High Rate Pumping Unit

- Discharge Rates: 10 – 310 m<sup>3</sup>/min
- Vaporizer Type: Diesel Fired Heat Exchanger
- Discharge Pressures: 0 – 70000 kPa
- Discharge Temperatures: -40°C to +150°C