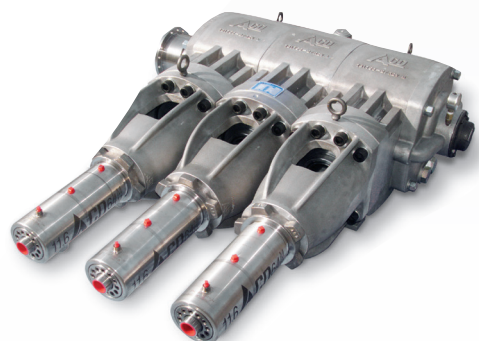


# SLS

## High Flow/Pressure Nitrogen Pumps



5-SLS

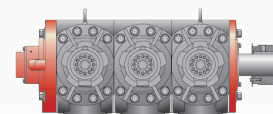


3-SLS

### SLS Warm Ends

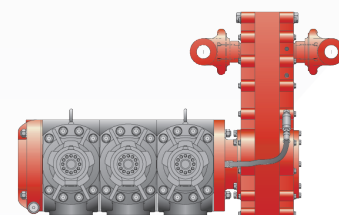
#### 3-SLS

- Counter balance optional
- Left or right hand
- Diverted cooling



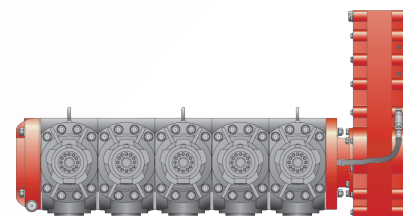
#### 3-SLSGRO

- Counter balance optional
- Gear reduction
- External oil pump
- Diverted cooling



#### 5-SLSGRO

- Counter balance optional
- Gear reduction
- External oil pump
- Gear reduction
- Digital tachometer



### Features & Benefits

- Improved drive end design allows for longer life and cooler temperatures during operation
- Multiple configurations enable adaptability and conformity to mobile and/or stationary applications using a standard base model
- Better than 30-to-one turndown ratios allows for a wide range of operating parameters, including low enough flows to meet coil-tubing applications
- Non-Key Polygon Design reduces drive end failure risk due to shaft key

### Nitrogen Purging

Nitrogen purging using ACD pumps is a technique used to replace hydrocarbon vapors, flammable and toxic gases or air with an environmentally safe and inert dry atmosphere. The two most common methods of purging are displacement and dilution. The geometry of the process system determines which method is used. For simple systems, displacement purging is usually more effective in terms.

### High Temperature Nitrogen

Delicate operations such as furnace bake-outs, catalyst regeneration and hydrocarbon and solvent stripping have been safely performed using high temperature inert.