The sound proofed Nitrogen Pump Unit is used to pump and convert liquid nitrogen for supply to any worksite in a wide range of finely controlled flow rates, temperatures and pressures. It can be utilized for any of Hydratight nitrogen service applications at client sites.

**Features:**
- Built to comply with all international and client specified regulations for use in a hydrocarbon related environment
- Integral inlet air / flame trap shutdown valve
- Gas detector in air inlet
- Spark arrestors
- Pyroban exhaust flame traps
- Emergency shutdown triggered on high exhaust and water temperature, engine over speed, low oil pressure and manual or remote activation
- Lifting and protective frame regularly tested and inspected by an independent company
- Relief valves set up to 10,500 psi (725 bar)
- Hydraulic heat exchangers ensure safe, rapid and controllable discharge gas temperature
- Adjustable pump overpressure shutdown valve
- Auxiliary overpressure shutdown capability
- Can be tied into platform ESD System (24V or 110V solenoids) OPP Panel

### Specifications

<table>
<thead>
<tr>
<th>Max Operating Pressure</th>
<th>Max Flow Rate scf/m</th>
<th>Max Gross Weight</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000 psi</td>
<td>3000</td>
<td>13,000 kg</td>
<td>4.87 m</td>
<td>2.43 m</td>
<td>2.51 m</td>
</tr>
</tbody>
</table>