Our Oxygen filling Station uses Advance Pressure swing Adsorption (PSA) technology to produce Oxygen and incorporated is a high pressure compressor for filling Oxygen cylinders. Design is made for round the clock operation.

WE OFFER 3 TYPES OF FILLING STATION

Stand-alone system
The stand-alone system consist of the essentials (compressor, dryer, generator etc.) and provides an innovative alternative where you are not restricted in terms of height, width or capacity etc. It is the most cost-effective and maintenance friendly solution, suitable for indoor installation. Waste heat from compressor can be used for heating. Above is 3D visualization.

Skid mounted
This is a robustly compact pre-assembled turn-key system built on steel frame incorporating all essentials including piping, hoses, electrical connections etc. Its available in small to medium size units keeping in mind easy transportation with no installation needed. Plug and play solution.

Containerized unit
This is a modified ISO container which includes all the essentials with the advantage of skid mounted system plus give an option to maintain ideal operating condition to suit or adapt to all environmental condition such as tropical, sub-tropical, temperate condition etc.
Our products are built on innovative technology design to the highest practical standard while keeping lifecycle cost to the minimal benefiting the customer by adding all this items as **Standard**.

Customers have always a possibility to select from our list of **optionals** to customize the system to suits their individual needs.

**What sets us apart** is our concept solution which has been cleverly put together by knowledge gain over the years based on previous models and the addition of a protective mechanism as Standard to eliminate oil vapour and water moisture from damaging the generator thereby prolonging the lifespan and at the same time keeping running cost low.

### Essentials
- Air compressor
- Air dryer – refrigerant or adsorption
- Air filtration – 0.1 and 0.01 micron
- Air tank
- Oxygen generator
- Buffer tank
- HP Oxygen compressors
- Filling ramp with accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Purity</th>
<th>Capacity m³/h</th>
<th>Max. outlet pressure (bar)</th>
<th>Number of filled cylinders per day (volume 6m³)</th>
<th>Dimensions (LxWxH) cm</th>
<th>App. weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>O4FS</td>
<td>95</td>
<td>3.4</td>
<td>152</td>
<td>13.6</td>
<td>1.0 x 0.5 x 1.9</td>
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<td>O8FS</td>
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<td>6.8</td>
<td>152</td>
<td>27.2</td>
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<td>68</td>
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<td>34.0</td>
<td>172/207</td>
<td>136</td>
<td>2.0 x 10.5 x 2.5</td>
<td>6000</td>
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</tbody>
</table>

* Performance data is based on ambient temperature 20°C to 30°C. Flow stated in cubic meter (m³) is with reference conditions, temperature 20°C and pressure 1.013 bar.

*Design and specifications are subject to change without notice or obligation.

### Standard
- Molecular sieve moisture protection
- Control system with 4’’ SIEMENS colour touch operated panel
- Automatic start/stop
- Robust design, piping from Stainless Steel (AISI316)
- Data-logging on USB storage
- Audio/visual alarm
- Carbon Tower

### Optionals
- SMS alarm & control (remote start/stop, status SMS, alarm warning SMS)
- Sequential start/stop system (one button operation)
- Flow meter with totalizer
- Product gas dew point sensor
- Temperature sensor
- Purity and pressure control 7’’ and larger touch screens
- Audio/visual alarm
- Modbus TCP/IP connection
- Remote control protection from oil contamination
- Filling ramp suitable for various cylinder sizes