

HYDROGEN GAS BOOSTING STATION



We specialize in high-pressure technology and offer an extensive background of knowledge and experience with Hydrogen applications, backed with a solid reputation for providing a superior product, known for quality and reliability.

We use specific materials designed for Hydrogen use based on pressure and flow requirements to address embrittlement issues metals face when exposed to a hydrogen environment.

Due to their legendary quality & reliability under the toughest worldwide conditions combined with excellent price quality ratio the compact line high pressure products from are first choice of Industry Professional.

SPECIFICATION

- **INLET PRESSURE: 30 BARS**
- **OUTLET PRESSURE: 150 BARS**
- **POWER CONSUMPTION: 500W – 750W**
- **DRIVE: Hydraulic Pressure(GLYCOL MEDIUM)**
- **Compression Rate: 4 STANDARD CUBIC METER/HOUR = 66.67 SLPM**
- **Stroke: 100mm DIA: 50.....**
- **OXYGEN stroke-50....DIA: 50**

KEY FEATURES

- Brass surfaces in contact with GAS.
- Special HYDROGEN GAS SEALS- NBR/Nitrile Rubber
- Glycol can not pass in to GAS (In between open space is provided)
- Cooling Circuit to cool the CYLINDER & HP Line.

Safety Features:

Relief Valve on Glycol Circuit – Cannot allow pressure to build beyond 150 Bars.

APPLICATION

- **Gas industry.**
- **R&D department .**
- **Energy industry.**