

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 Paskals are first choice of Industry Professional.

In technical collaboration with



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.