

NITROGEN BOOSTING STATION



Nitrogen Gas boosting is used to boost the Nitrogen gas from the range of 2500 Psi to 11000 Psi with 6-8 bar drive air at 10-80 scfm flow. This system shall be mounted on suitable Frame Structure in which gas booster, Pressure gauge, pressure regulator, valves and others items shall be present.

Nitrogen filling stations used for filling cylinders of any size up to 350 bar, higher pressures on request.

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

- Regulate air drive pressure to ≈ 6 bars.
- After pressurization hold that pressure for some time to check the leakage.
- The high pressure compressor or the gas booster starts & stops based on customer specific parameters. The operation is supervised by control system and when any deviation from specified operation parameters occurs, the system is automatically shut down. The display shows operation data, maintenance information and error indication.
- The filling station is totally automated system and can either be static where gas bottles are permanently manifolded into the application or a traditional cylinder filling station where cylinders are manually loaded and unloaded for use in remote locations.

KEY FEATURES

- With a nitrogen fill station, cylinders can be refilled quickly and easily.
- An onsite N₂ filling station means you never have to worry about running out of nitrogen again.
- A nitrogen fill station eliminates the need for gas contracts.
- An N₂ filling station takes up very little space and can last for decades.
- There is no delivery or transportation charges when you use nitrogen fill station.
- A nitrogen filling station is a cost effective solution: It can reduce the costs related to nitrogen substantially.

APPLICATION

- **Filling the cylinder.**
- **Charging the cylinder.**
- **Leak testing .**
- **Recover the Nitrogen (N₂) gas.**