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Know How Gas Boosters can Save Time and Energy

by Peter R. Duffy

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Several industries are constantly looking for non-messy and power-saving solutions for compression of industrial gases and air. For such requirements, air driven gas boosters are the most prudent choice. There are myriad applications that require the compression of industrial gases such as argon, carbon dioxide, hydrogen, methane, ethylene, helium, nitrogen, natural gas and air. It is vital to compress these gases to bring them to the optimal (or desired) operating pressures. By using a gas booster, different gases can be compressed to operating pressures of 21,750 PSI, whereas oxygen can be compressed to operating pressure of 5,075 PSI.

Not using the right type of gas boosters could potentially leave you with costly downtime owing to lack of optimal operating pressures. This could ultimately hamper your subsequent operational process. One of the most reputable brands in the gas booster market today is Maximator. Their air driven gas booster range offers oil-free compression of gases and air. Since the use of oil and lubricants is eliminated with the use of these boosters, you can expect clean and non-messy gas compression. Apart from this, customers stand to benefit from several other advantages.

Letâ€™s take a quick look at some of the advantages of using a gas booster:

â€¢ These devices are easy to install and operate. More importantly, they are available in a compact and lightweight design, enabling you to save precious square inches at your facility or site.

â€¢ You could choose between single or double acting or two-stage models. Additionally, double air head is available in single and two stage boosters. To know which model is apt for your application, it is advisable to take the professional opinion of a reputable gas booster distributor.

â€¢ Since a gas booster operates on air, the need for electricity or other types of power sources is eliminated. Similarly, you can bypass the use of lubrication as these boosters are known for their oil-free operation.

â€¢ Depending on your application, you could operate these units parallel to each other or in a series. One of the highlights of these devices is that they offer you a wide variety of pressure and compression ratios.

â€¢ These boosters allow you to scavenge from low pressure gas still available in bottles, saving you on production costs.

It is strongly recommended that you talk to a renowned gas booster distributor to discuss the compatibility of the device with your choice of industrial gas. You can use gas boosters in a wide variety of applications. For instance, you could employ them in leak detection systems, breathing air systems for divers and fire departments, low pressure autoclaves, charging of accumulators among several other things. Apart from the regular boosters for industrial gases, Maximator also makes Oxygen rebreather gas boosters that witness a high demand in the recreational scuba diving and commercial diving industry.

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Peter R. Duffy - About Author:
I have 10 years of experience in high pressure industries. Now days various types of a gas boosters is used to boost gas and air pressure. Check out online for a Maxpro and Maximator air booster that can fulfill all your industrial needs.

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