

HY-BON[®]

Boost Profits with Hy-Bon Gas Management Systems.

Packager of Compressors

Specializing in applications under 1,200 horsepower, Hy-Bon is an authorized packager of many different compressor styles—including rotary screw, rotary (sliding) vane, reciprocating, liquid ring, beam gas compressors and jet pump systems. This experience and versatility allows Hy-Bon to focus on the most economical approach and best overall technical solution for your gas stream.

Hy-Bon's proven designs can be ordered either trailer or skid mounted for increased versatility. Our designs focus on safety and ease of operation and maintenance, with automated start / stop functions, easy-to-read gauges and indicator lights, integrated oil supply, and large scrubbers

Oil Flooded Screw Compressors

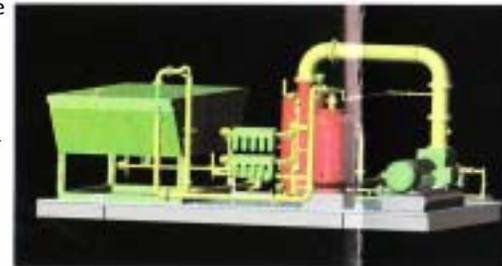
The oil flooded screw compressor is the most versatile technical solution for either dry or wet gas compression applications. The screw compressor gives the operator the flexibility to adapt to rising discharge pressure requirements whenever they are encountered. Rotary screw compressors are very cost effective in handling high volumes of gas in field gathering and vapor recovery services.

With a general range of volumes from approximately 15 mscfd to 2 mmscfd and differential pressures up to 350 psig for single stage models, the oil flooded screw has proven itself time and again to be an excellent choice for virtually any low to medium pressure application.

The rotary screw compressor design employs two helical rotors that intermesh. Oil is injected into the low pressure end of the rotors. Gas also enters the compressor at the low pressure end. The oil and gas mix travels

down the length of the rotors where it is compressed. In this particular design the oil is both the cooling medium and the compression medium.

Typical applications include vapor recovery, wellhead compression, medium pressure gas boosting, landfill gas recovery and casinghead pressure reduction.



Rotary Vane Compressors

Rotary vane compressors have been utilized for over 50 years in low-pressure compression applications. This relatively simple design offers comparatively low initial cost and ongoing maintenance when compared to other compressors utilized in low pressure gas management.

Rotary vane compressors are excellent in relatively high volume/relatively low pressure differential applications. Volumes

of the slots and slide out due to centrifugal force. The vane contacts the inside of the cylinder wall. As the rotor turns, the gas is swept into an ever decreasing space, thereby affecting compression. This simple design allows for years of trouble-free service and makes rotary vane compressors a very attractive option for low pressure service.

Typical applications



supply and large scrubbers with automated liquid transfer systems. Hy-Bon offers both electric motor and engine drive models, with a variety of options available to fit your application.

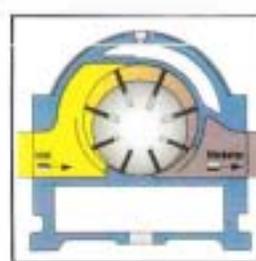
For full compressor data and performance charts, see our "Technical Library" at www.hy-bon.com.

Hy-Bon Compressors Offer

- Automated restart on BOTH electric and engine drive units
- Automated bypass allows precise control and extends driver / compressor life
- Automated liquid transfer system dramatically reduces pumper workload
- Capable of multiple shutdown settings in NEMA 4, 4X or 7x control panel
- Programmable PLC and annunciator with digital LCD readout
- Complete parts stocking & service support

very high volumetric efficiency for pressure differential applications. Volumes from approximately 20 mscfd to 2.5 mmscfd are obtainable at differential discharge pressures up to 60 psig for single stage models.

These positive displacement machines utilize a slotted, eccentrically mounted rotor. Blades, or vanes, ride in and out



Typical applications include vapor recovery, wellhead compression, medium pressure gas boosting, landfill gas recovery, and casinghead pressure reduction.



Quincy Line of Reciprocating Compressors

The Quincy line offers the most cost-effective solution for dry gas applications moving up to 550 mscfd at pressure up to 500 psi. The automatic bypass allows precise, consistent back pressure to be maintained on the well and reduces downtime and maintenance. The automated liquid transfer system dramatically reduces pumper workload and automated restart minimizes pumper callout.



Gemini Line of Reciprocating Compressors

Hy-Bon is an authorized OEM packager of Gemini reciprocating compressors. The Gemini line offers an extremely cost-effective solution for dry gas applications moving from 200 mscfd to 1000 mscfd at pressures up to 1,500 psi.



Travaini Liquid Ring Vacuum Pumps

Hy-Bon is an authorized distributor of Travaini liquid ring vacuum pumps. Travaini Pumps, USA is one of the leading worldwide manufacturers of liquid ring vacuum pumps with single stage (TRS), two stage (TRH), and single stage vari-ported (TRM/TRV) designs.

