LIQUID RING VACUUM PUMPS, COMPRESSORS AND SYSTEMS FOR THE CHEMICAL, OIL AND GAS INDUSTRIES

Oil and Gas Industry Solutions

1200 CFM MEG Reclamation System for offshore platform

Heavy duty liquid ring compressor built to API 681 standards

DEKKER VACUUM TECHNOLOGIES, INC.

dekkervacuum.com  The Experts in Vacuum Solutions  888.925.5444
Your main concern is our number one focus – safety, life span, environmental compliance and the elimination of unscheduled downtime. High temperatures, carry-over and cavitation cause rapid pump failure. Vacuum pumps and compressors need to be replaced often and when that happens, unscheduled downtime occurs.

At DEKKER, we believe this is not acceptable. We supply pumps and design systems that work in your environment and we are so confident in their performance we offer the longest warranties in the industry.

**Reliable Performance, Maximum Efficiency, Custom Solutions**

We understand the demanding requirements in the oil and gas industry require rugged pumps and systems that meet or exceed API 681, EPA and Kyoto Treaty Regulations. That’s why we offer custom solutions developed specifically with your application in mind. Our engineers are vacuum/compression specialists who will consider all of the parameters that contribute to system safety, performance, economy and longevity.

One consultation with our application experts will demonstrate the DEKKER difference. We will find a solution that performs as specified for a much longer life span to assure you of a rapid payback on investment due to reduced downtime and decreased maintenance or repair costs.

We have engineered DEKKER pumps and systems to perform in the oil and gas industry’s extreme operating conditions to improve the bottom line by:

- Reducing Operating Costs
- Lowering Maintenance Costs
- Stabilizing Vacuum Levels
- Improving Safety
- Reducing Operating Sound Levels
- Improving Product Consistency
- Improving Reliability
- Reducing Downtime

**DEKKER ECO-Friendly Solutions Help You Comply with Environmental Regulations**

Compliance is enabled with adherence to environmental legislation:

- Recycle materials and energy through technologies and processes
- Reuse
  - Reclaim flare gas through condensing it to feed stock

DEKKER is committed to providing ECO-friendly solutions to your process needs while helping you build more profitable refineries.

Contact DEKKER for an in depth consultation which will help you determine just how much money a liquid ring vacuum pump or compressor will help you save in your existing or new process.
Wide performance ranges
With over a dozen specifications, we offer many performance options at different speeds. We will find the most suitable product for your applications according to your needs.

Vacuum Applications
5 CFM – 39,000 CFM (down to 25 Torr)
- Vacuum Distillation Units (VDU)
- Vacuum Evaporation
- Vacuum Drying
- Vacuum Stripping
- Vacuum Reactors

Compression Applications
250 CFM – 5,000 CFM (up to 80 Psi)
- Vapor Recovery Units (VRU)
- Flare Gas Recovery
- Waste Gas Compression
- Gas Boosters

DEKKER Oil and Gas Solutions perform optimally with the capacity to handle the most challenging gas streams. Our solutions provide some of the industry’s best advantages and benefits.

DEKKER offers outstanding solutions in these industries:
- Compression of nitrous acid gas in the chemical industry
- Flare gas recovery in the chemical industry
- Recover of flue gas in salt mines
- Compression of associated gas on offshore oil platforms
- Vacuum filtration for the chemical industry
- Waste gas compression for the refinery industry
- Wellhead and gathering system compression in the upstream oil & gas industry
- Laboratory vacuum pumps down to 10^-4 Torr

Consult your DEKKER representative for an in depth review of specific operating characteristics.

Call DEKKER: The Experts in Vacuum Solutions at 888-925-5444 for application expertise.
Your Knowledge-Backed Guarantee. Need help sizing a vacuum pump? Having application problems? With over 100 years of combined experience, we’ve made it our business to know your needs as well as our systems capabilities. With DEKKER, you get a team of vacuum experts dedicated to helping you resolve system challenges, streamline processes, and optimize results.

Maintenance, service and repair so you keep operating at maximum efficiency.

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