AEREON HORI DRY VACUUM PUMP RETROFITS

Why would you fix it, if it isn’t broken?

Even if your existing vacuum pump is in good condition, changing to AEREON’s HORI dry vacuum pump technology will offer many significant advantages over other vacuum technologies:

1. **Increased VRU Capacity**: If you are adding loading arms or entirely new bays, consider a HORI dry vacuum pump to increase your VRUs capacity before looking at new equipment. HORI vacuum pumps can significantly increase the capacity of an existing VRU.

2. **No More Glycol**: Glycol is expensive to buy, difficult to maintain, and costly to dispose of. HORI dry pump technology eliminates the need for glycol and its related components (Heat Exchanger, Glycol Pump, Sock Filter, Flow Switches, etc.) reducing operational costs and maintenance headaches.

3. **Reduced Energy Consumption**: Our variably driven HORI dry pump systems utilize the latest technology to maximize your VRU efficiency by reducing unnecessary runtime and by lowering the power consumption of your motors. The added benefits of retrofitting your system with this technology will increase your overall ROI of your operation.
What's included in the retrofit?

- Vacuum pump
- Motor
- Mechanical ancillary equipment
- New motor control panel (MCP)
- Engineering/mechanical fabrication drawing
- Installation/start-up & commissioning

Benefits to using AEREON’s HORI dry vacuum pump technology when you are ready for a retrofit:

**Easy to repair:** Now you can have a pump that you don’t have to send to the OEM for repair. HORI can be repaired by your local or internal pump mechanic.

**Increased reliability:** The HORI pump significantly reduces failures and related maintenance costs, thereby decreasing downtime. AEREON is so confident in the HORI pump that we have doubled the warranty period for that pump vs. other pump types.

**Ease of installation:** The HORI compact and robust pump skid-based design minimizes required footprint and allows for fast easy change-outs of older wet/liquid ring systems to the newer and more efficient dry pump technology. ROI is increased through higher reliability and lower operating/maintenance costs.

**Slow and steady:** The HORI pump runs with a top speed of 800 RPM versus 3,600 RPM for other dry vacuum pumps. The lower RPM operation results in lower noise levels (75 Dba), reduced wear and tear on the pumps and longer life cycle, while still providing more capacity than the competition’s pumps.

**Lower power consumption:** HORI vacuum pump systems no longer require vacuum pumps to run at full speed to operate effectively. Instead, the use of VFDs allow us to run the pumps at minimum RPM and to speed the pumps up only as needed.

**HORI fits you:** Any VRU can be converted to HORI dry vacuum pump technology. Let us help you determine if this conversion makes sense for you!