What do you need in a rotary piston vacuum pump? Powerhouse, single-stage or two-stage performance? A small footprint? Micron range ultimate vacuum? After-sales expertise?

Rotary piston vacuum pump technology is complex. But the purchasing decision is easy. Don’t settle for less. Make the perfect choice – DEKKER’s HullVac line:

- Single-stage rotary piston vacuum pumps
- Two-stage rotary piston vacuum pumps

HullVac rotary piston vacuum pumps are engineered for a long life, top performance, low maintenance and ease of use. DEKKER offers a comprehensive selection of models with valuable features and expert after-sales service, including a standard three-year warranty – the best in the industry.

HullVac: Upgrade to a Superior Experience of Products and Service.

**HV Series Single-Stage Rotary Piston Vacuum Pumps (52 to 1280 CFM)**

Perfect for the toughest industrial environments. An affordable workhorse.

**HVC Series Two-Stage Rotary Piston Vacuum Pumps (17 to 950 CFM)**

Perfect when a deeper ultimate vacuum is required. Two-stage enhances capacity below 250 microns and allows full gas ballast operation while maintaining micron range blank off.

**DuoVac Multi-Stage Custom Engineered Systems:**

DuoVac systems combine the proven technology of the rotary piston with a direct-drive booster utilizing variable frequency drive (VFD) control. This system offers increased pump-down capacity, resulting in quicker pull down and higher ultimate pressure.

**HullVac Ram-Dry Technology** is used in applications where high vapor loading is present.

Ram-Dry™ technology uses vacuum to boil water at ambient temperature. Water vapor travels through the pump and condenses back to liquid for disposal.

**ROTARY PISTON VACUUM PUMP APPLICATIONS:**

Brake Filling Systems | Brazing | Casting | Chemical Distillation | Chemical Processing | Chemical Vapor Deposition | Coating | Debinding | Degassing | Diffusion Furnace | Liquid Gas Storage | Metallurgy | Metals Processing | PET Processing | Pharmaceuticals | Potting | Research & Development | Roll Coating | Crystal Growing | Sintering

DEKKER offers a complete range of accessories and carries a comprehensive inventory of pumps and parts. For emergency repairs, DEKKER takes pride in offering same-day shipping of most standard parts. DEKKER maintains an extensive domestic and global network of authorized service centers.
What do you need in a rotary piston vacuum pump? Powerhouse, single-stage or two-stage performance? A small footprint? Micron range ultimate vacuum? After-sales expertise?

**IMPROVED MODERN DESIGN**

**No center-wall bearing** | Eliminating this bearing means that the bearing will not be exposed to the pump oil, which could be contaminated leading to reduced bearing life.

**Caged Hinge Bars** | Design cages all hinge bars in line, reducing wear.

**IMPROVED SHAFT SEALING**

**Hardened Shaft Sleeves with O-ring seal**

Sleeve is replaceable and O-ring sealing prevents leakage.

**IMPROVED EXHAUST VALVE DESIGN**

No possibility of worn valve components getting into the pumping chamber, which could result in major repairs.

**IMPROVED O-RING SEALING**

Side plates feature O-ring seal. Efficient design reduces maintenance time and prevents leakage.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MOTOR (HP)</th>
<th>NOMINAL CAPACITY (CFM)</th>
<th>FINAL PRESSURE (Torr)</th>
<th>FINAL PRESSURE (Gas Ballast open) (Torr)</th>
<th>SPEED (RPM)</th>
<th>INLET CONNECTION (In.)</th>
<th>Outlet Connection (In.)</th>
<th>COOLING CONFIGURATIONS</th>
<th>COOLING WATER REQUIREMENT (Gal/Min)*</th>
<th>OIL CAPACITY (Gal)</th>
<th>WEIGHT (Lbs.)</th>
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<tbody>
<tr>
<td>HV55A</td>
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Voltage is 208-230/460V for all models listed. Consult factory for other voltages.

*Cooling Water requirement based on 60°F.
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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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