Industrial

Lubricated Rotary Vane Vacuum Pump

1-50 HP



Oil-Lubricated Rotary Vane Vacuum Pump

The Amico Lubricated Rotary Vane Vacuum Pumps are single-stage, air-cooled, and direct-driven. Proven to be one of the most reliable pumps currently available in the industry, the compact, simple design offers low maintenance as well as quiet and long-lasting operation to end users. These Vane pumps operate with recirculating oil lubrication. A downstream oil separator segregates sealing oil and pumped medium for efficient reuse of oil.

Reliability

Robust construction, highly durable fiber-reinforced epoxy resin vanes, proven rotary vane technology, long service life. Whether used intermittently or around the clock, this resilient machine truly is the workhorse we can always count on.

High Performance

High pumping speed at low pressures, designed for continuous operation.

Ease of Maintenance

Maintenance can easily be carried out by the operator. Apart from Changing oil and filters at regular service intervals, no further maintenance is required.

Versatility

Various design options available, easy adaptation to individual customer requirements and processes.

- Vertical Tank Mount
- Horizontal Tank Mount
- Vertical Tank over Pump Base Mount
- Skid Stacked Base Mount

Customization

We understand that no two projects are the same and there's no one size fits all for equipment needs. Our team of project managers and engineers are here to help. Send in your requirements and restrictions and we'll customize a solution that fits.

Control Panels

Whether you're looking for basic controls or full HMI panels, we've got you covered. All panels come standard with external circuit breaker disconnects. We also offer the HMI panel line with 5" touch screens, Ethernet connectivity, Alarm logging and alarm e-mail capabilities. MODBUS, BACNET, SCCR and DUALFEED also available for these vacuum systems.

Accessories available meet any processes

- Inlet Filters
- Exhaust Silencers
- Lab Purge
- Bacterial filters
- Knockout Pots

Technical Specifications

HP	Nominal Flow (CFM)	Pump Capacity (SCFM)[1]		Inlet NPT	Discharge NPT	DBA
		@19" Hg	@20" Hg			
1	14.1	4.8	4.7	¾"	¾"	66
1.5	18	7	6	1¼"	1¼"	63
2	28	11	9	1¼"	1¼"	66
3	45	17	14.2	1¼"	1¼"	66
5	71	26	24	1¼"	1¼"	68
5.2	103	37	33	2"	2"	72
7.5	130	52	43	2"	2"	74
10.2	170	65	56	2"	2"	74
10	196	77	65	2"	2"	76
15	305	111	101	3"	3"	79
20	375	137	124	3"	3"	79
25	455	168	151	3"	3"	79
40	670	237		6"	4"	85

[1] Normal operating conditions at a maximum ambient of 105°F. Consult Amico for higher ambient conditions. Normal operating conditions at a standard elevation. Consult Amico for higher elevation.

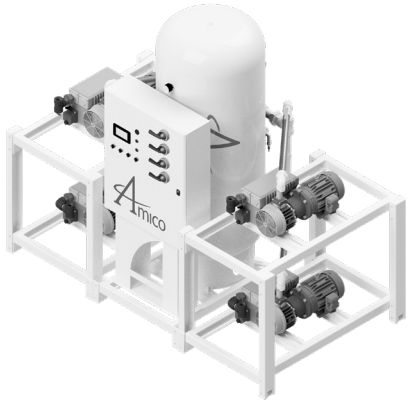
System Configurations



TS - Tank Mounted Space Saver



TH - Horizontal Tank Mounted



SS - Stack Mounted

NOTES:

- Inlet/discharge flex connections come standard with each system - shipped loose for field installation.
- Steel plates and vibration pads shipped loose for field installation.