

# ROTARY SCREW

## Vacuum Pumps

365-3000 CFM



For reliable centralized vacuum production, oil sealed rotary screw vacuum pumps offer the flexibility and reliability you are looking for. Available in open skid or enclosure designs, Air or Water-cooling, ODP or TEFC motors and variable frequency drive set-ups for maximum energy savings and production flexibility.

Rotary screw vacuum pumps are ideal for centralized vacuum applications such as vacuum forming & lifting, metal degassing, surgical vacuum, CNC routing, food packaging and many others. Reliability and durability are the hallmark of these industrial grade machines

### FEATURES

- High pumping capacity
- Vacuum to 29.63Hg
- NEMA Controls standard
- Air or water cooled
- Optional VFD



### SPECIFICATIONS

Pump Model		630	1000	1200	1600	2500	4800
Displacement	CFM	365	550	730	980	1500	3000
Ultimate Vacuum	Inches Hg	29.63Hg					
Motor	Hp	25	40	50	75	100	200
Noise level*	dB(A)	78/71	87/80	90/82	93/86	94/86	94/86
Oil Capacity	GL	15	15	15	38	45	45
Inlet connection	in.	4	4	5	5	8	8
Exhaust connection	in.	4	4	4	5	6	8
Pump Weight	Lbs.	2362	2434	2518	3975	6300	8500

\* Noise levels for open-skid & enclosure designs

<b>Vacuum Pump Type</b>	<b>Oil flooded Rotary Screw Vacuum Pumps</b>
<b>Drive system</b>	<b>Direct driven 3-ph AC induction motor</b>
<b>Maximum Operating Pressure</b>	<b>10”HgV (506 mmHG) Continuous</b>
<b>Minimum Operating Pressure</b>	<b>29.63”HgV (7.5 mmHg) Continuous</b>
<b>Maximum Ambient Temperature</b>	<b>110 Deg F</b>
<b>Minimum Ambient Temperature</b>	<b>35 Deg F (25-50Hp); 45 Deg F (75-200Hp)</b>
<b>Maximum Inlet Gas Temperature</b>	<b>115 Deg F</b>
<b>Lubrication Method</b>	<b>Oil injection via auxiliary pump</b>
<b>Shutdown Temperature (Oil)</b>	<b>250 Deg F</b>
<b>Environment</b>	<b>Indoor installation only</b>
<b>Max. water contamination</b>	<b>400PPM in lube oil</b>
<b>Control Cabinet</b>	<b>NEMA-1 (open-skid); NEMA-4 (enclosure)</b>

## **US VACUUM**

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