



National Vacuum Equipment

Part of the Atlas Copco Group

304 SERIES HEAVY DUTY VACUUM PUMPS

Features

- Exclusive NVE automatic oil pump
- Rugged braided stainless steel oil delivery lines
- Ductile iron housing
- On truck serviceability
- Remote mount 5 quart see through oil tank for constant oil level monitoring
- Available in both clockwise and counter-clockwise rotation
- **2 year warranty against manufacturer defect**
- **Designed, built, and supported in the USA**



*The maximum allowable operating vacuum will vary depending on R.P.M., ambient temperature, altitude and time running. The basic principle to keep in mind is - faster R.P.M., higher air temperature and longer run time all equal more heat in pump. When installing an NVE 304 pump we recommend a normal R.P.M. of 1200-1400. Other speeds are ok as long as exhaust gas temperatures do not exceed 380 degrees F.

SPECIFICATIONS	304 VACUUM PUMP		
Air flow - free air	210 CFM		
*Full Intermittent Vacuum	27" HG		
*Recommended Operating Vacuum	18" HG		
Maximum pressure	20 PSI		
Operating Range - RPM	1200	1300	1400
Hp required @ Full Vacuum	8.35	9.24	10.16
Hp required @ 10 psi	10.08	11.14	12.24
Porting size	2"		
Shaft size (3/8" key)	1 1/4"		
Pump dimension	L 21 5/16" W 9 3/8" H 15 7/8"		
Approximate weight	179 lbs.		

Weights and measurements are for reference only

www.natvac.com
800.253.5500

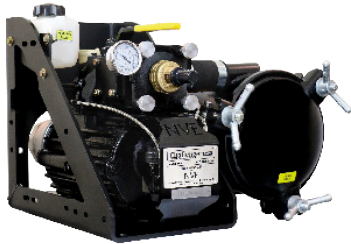
Challenger Series
VACUUM PUMPS & BLOWERS

304 Pump Stand Complete



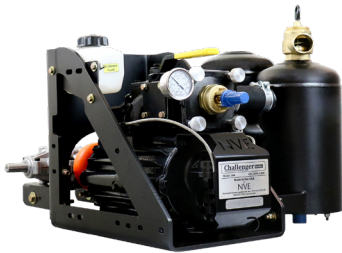
- 304 counter clockwise vacuum pump
- Gearbox or hydraulic adapter options
- Pre-filter
- Heavy duty 3/8" steel gusseted frame
- Durable powder coat finish
- Lightweight aluminum gearbox for cool operation
- Flush kit included
- Reliable E5 coupler
- Remote mount 5 quart see through oil tank for constant oil level monitoring
- Two year warranty against manufacturer defect
- L 33 3/4" W 11 7/8" H 17 3/4"

304 Horizontal Package



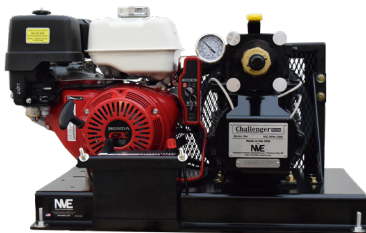
- 304 counter clockwise vacuum pump and stand
- Gearbox or hydraulic adapter options available
- Pre-filter
- Horizontal moisture trap
- Flush kit included
- Vacuum relief valve and vacuum pressure gauge
- Two year warranty against manufacturer defect
- L 33 3/4" W 23 7/16" H 17 3/4"

304 Combo Package



- 304 counter clockwise vacuum pump and stand
- Gearbox or hydraulic adapter options
- Combination moisture trap and muffler
- Vacuum and pressure relief valves with gauge
- Flush kit included
- Right or left mounting options
- Two year warranty against manufacturer defect
- L 22" W 23" H 17 3/4"

304 Engine Drive Package



- 304 counter clockwise vacuum pump and stand
- Honda 13 HP electric start motor
- Battery included
- Two year warranty against manufacturer defect
- L 23 9/16" W 34 15/16" H 15 7/8"

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