



DRY SCREW VACUUM PUMPS & SYSTEMS

DRY-PRO[®] Vacuum Pumps



DRY-PRO

NASH[®] DRY-PRO[®]

Dry Screw Vacuum Pumps & Systems

For more than 110 years NASH Pumps have been known as tireless workhorses, designed to stand up to the rigorous, non-stop demands of even the most harsh industrial environments. NASH DRY-PRO Pumps continue this tradition, delivering proven NASH reliability, with the low maintenance requirements that industry demands.

The NASH DRY-PRO is a remarkably simple, yet sophisticated, reliable and highly efficient dry vacuum pump. The dry and contact free operation requires no lubrication in the pumping chamber. This translates in to major advantages: no process contamination and no pollution caused by the pump operation.

NASH DRY-PRO pumps can handle corrosives, organics, inorganics and solvents because of its oil-free, non-contacting screw design.

Need safe and reliable vacuum solutions? You need NASH

WIDE PERFORMANCE RANGE

NASH DRY-PRO dry screw vacuum pumps achieve an ultimate vacuum of .0015" HgA (0.03 mbar(a)) and can operate at any pressure between end vacuum and atmospheric pressure. Capacities can reach a virtually limitless amount with various backing pump options and high vacuum boosters.

RUGGED & DURABLE DESIGN

Our DRY-PRO screw vacuum pumps featuring high vapor and liquid tolerances, are easy to service, and have a long service life - the low rotational speed ensures low noise and low vibration operation.

The shafts and screws are one solid piece, allowing for a safe, problem-free design that eliminates corrosion between the screw rotor and shaft that can occur in other pump designs.

The variable pitch screw design optimizes efficiency and temperature rise.

INDUSTRIES & APPLICATIONS

NASH DRY-PRO pumps and systems are used in applications across many industries where clean, oil-free vacuum is needed.

NASH Dry Screw Technology ADVANTAGES

- DRY RUNNING, CONTACT FREE OPERATION
- HIGH VACUUM IN ONE STAGE
- APPLICATION SPECIFIC OPTIONS
- HIGH WATER VAPOR TOLERANCE
- SHORT EVACUATION TIME DUE TO HIGH SUCTION CAPACITIES
- LOW NOISE LEVEL
- EASY TO SERVICE
- ATEX AVAILABLE
- LOW LIFE CYCLE COSTS

NASH CERTIFIED™ SERVICE & SUPPORT

Industries & Applications

CHEMICAL & PHARMACEUTICAL

Cooling
Degassing
Distillation
Drying
Evaporation
Fractionation
Impregnation

INDUSTRIAL

Industrial applications
Cleaning
Coating
Drying
Dust extraction systems
Industrial furnaces
Vacuum metallurgy

FOOD PACKAGING & PROCESSING

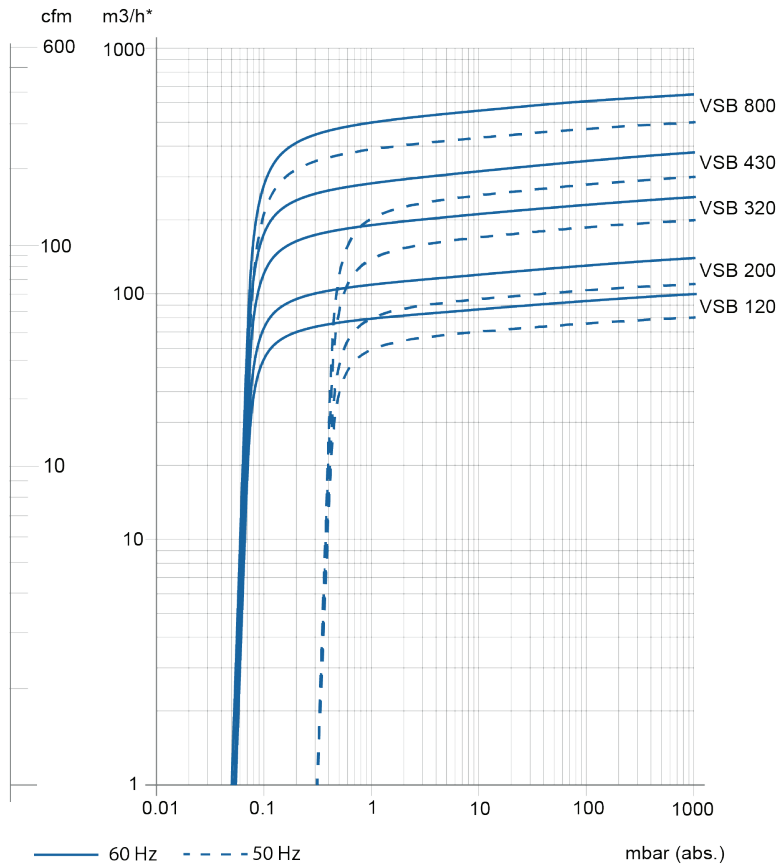
Tray sealing
MAP packaging
Degassing
Drying

PACKAGING

Central vacuum systems

R&D / LABORATORIES

Performance & Specifications



DRY-PRO VSB	VARIABLE PITCH
CAPACITY	47 to 383 cfm 80 to 650 m ³ /h
VACUUM RANGE	to .0015" HgA .03 mbar(a)
CERTIFICATION	ATEX Compliant Versions Available

Additional capacity can be achieved through the use of high vacuum boosters.



NASH DRY-PRO SYSTEMS

From standard engineered packages to custom engineered-to-order systems, every DRY-PRO System delivers a packaged solution designed to stand up to the challenges of your process application. DRY-PRO systems deliver reliable performance backed by over a century of Nash Engineering expertise, and our NASH CERTIFIED service and support.

STANDARD SYSTEMS

NASH DRY-PRO standard systems enhance overall process performance with pre-configured engineered solutions for common industry challenges. They incorporate high vacuum boosters to provide increased capacity, and several standard options are available to robustly meet the toughest application requirements. Our standard configurations offer complete engineered solutions with plug & play installation.

ENGINEERED-TO-ORDER

For more than a century, Nash has specialized in the design and manufacture of engineered systems that are tailored to your application and specifications. Our global team offers unparalleled expertise in the design, sourcing, and system packaging designed to meet your specific process needs.

All engineered-to-order systems are fully assembled and tested at one of our packaging plants, located in key industrial areas around the globe. Nash packaging plants are certified for quality and environmental according to ISO 9001:2008, 14001:2004, and OHSAS 18001:2007.

Gardner Denver Nash Products & Systems



NASH® Liquid Ring Vacuum Pumps & Systems

The reliable and durable solution for demanding process applications. Through ongoing commitment to innovation Nash continues to introduce liquid ring vacuum pumps that meet the rigors of the most demanding applications while improving efficiency and lowering total cost of ownership.



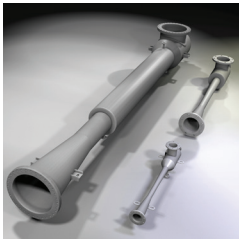
NASH and GARO® Liquid Ring Compressors & Systems

The rugged, reliable solution for demanding process applications. Designed to handle toxic, explosive and corrosive gases, and backed by a reliable history of performance under the most demanding conditions.



WITTIG™ Rotary Vane Compressors & Vacuum Pumps

The NASH WITTIG line of rotary vane compressors and vacuum pumps offers safe, reliable and efficient solutions for transporting a variety of gases and air.



ENER-JET™ Ejectors & Systems

Whether on their own, or as part of a NASH ENER-JET Hybrid Vacuum System, NASH steam jet ejectors are engineered for optimum efficiency, reducing steam consumption and while maintaining their ability to handle large volumes at very high vacuum levels.

NASH


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