

Nash Pumps for Wine Making & Bottling

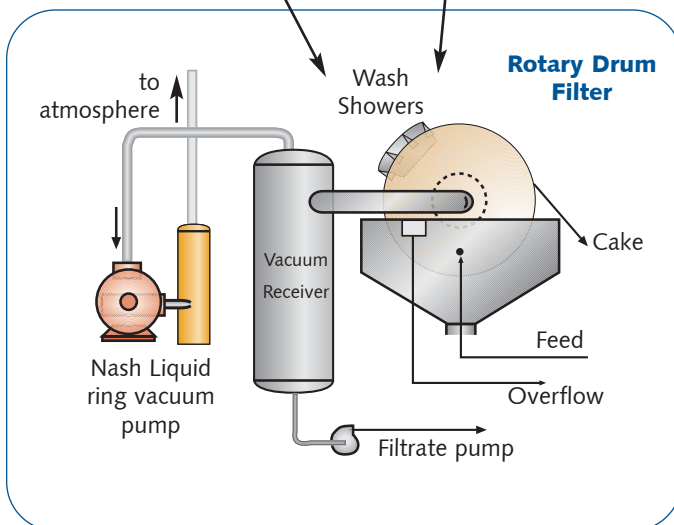
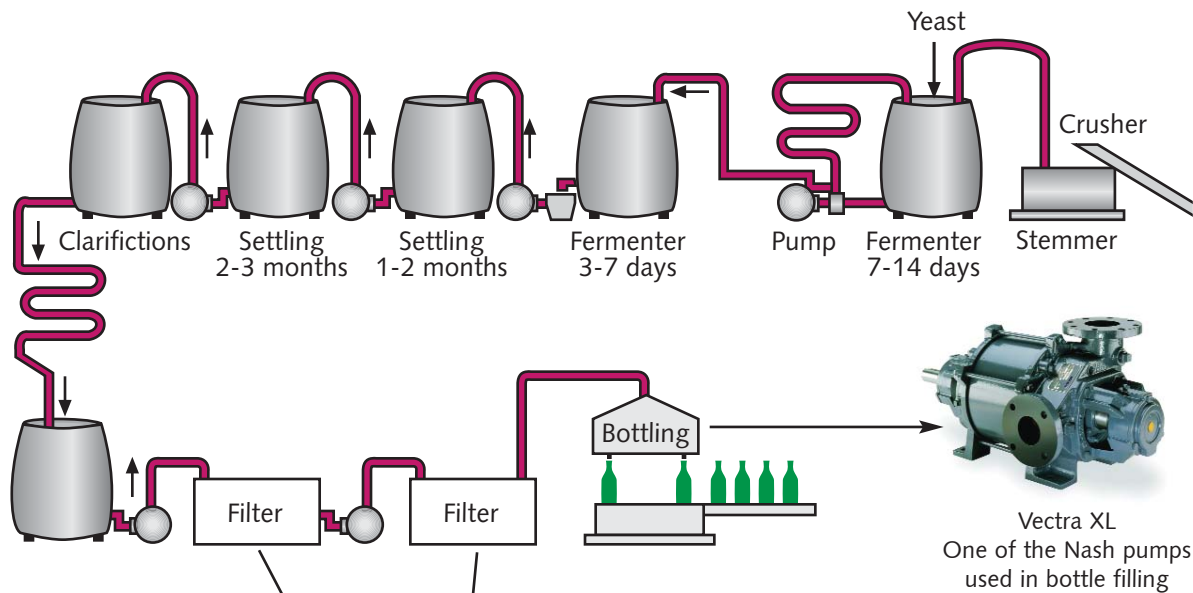
The ability to handle carryover, with minimum temperature increase, makes Nash pumps perfect for wine production

Making Wine

There are four main steps to making wine:

- Harvest the fruit at its peak
- Ferment the grapes
- Clarify/filter and stabilize
- Age

The only real difference between red, white, and rose wines is the amount of time the skins are allowed to stay in contact with the juice.



Vacuum Applications

When making wine, several processes use the benefits of vacuum. Filtration completes the clarification process and a liquid ring pump keeps the temperature rise to a minimum, preserving the wine's quality. It can also handle carryover, which is common in filtration processes. It has been noted in the American Society for Enology and Viticulture (18:2:97-99, 1967) that vacuum filtration can increase the wine yield per ton and can produce better concentrates and preservation of fresh juice.

Another process Nash pumps are frequently used in is filling bottles. The vacuum is used to evacuate the air in the bottle prior to filling. This makes the filling process faster and it eliminates oxygen and other elements that could affect the wine.

Nash Service

Filtration applications can be hard on pumps and compressors. Nash's service centers and field service technicians are ready to provide support keeping your process running smoothly and efficiently and to avoid extensive equipment downtime. We have the capability to provide turnkey service for installation, startup, preventive maintenance and troubleshooting your vacuum or compressor system. Our facilities are fully equipped with material handling equipment, tooling fixtures and special machines to handle rebuilding and overhauling pumps, compressors and engineered systems. All Nash service centers are ISO 2001:9000 certified, and there is one on the West Coast.

NASH Features	User Benefits
Ability to handle process carryover or recycled gases	Increased operating efficiency and reduced operating costs
Long design life	Highest reliability
No internal lubrication required	Less maintenance required; less downtime
No metal-to-metal contact	Simple operation; wear-free performance
Cool Running	Incoming vapor is condensed. Smaller, less costly equipment can be selected
Only one moving part	Simple and trouble-free operation
Proven energy efficient design	Lower operating costs, year after year
Over a century of engineering and application experience	Optimal system design for all filtration requirements

Nash Reliability

Nash liquid ring vacuum pumps and compressors have been used in many industrial applications for more than 100 years. They are known as tireless workhorses, designed to stand up to the rigorous, nonstop demands of the harshest industrial environments. Built better than industry standards, Nash pumps are known for their reliability.



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