



Mobile Cross-Flow Filtration

ATP Group's Mobile Cross-Flow Filtration Service removes unwanted yeast and bacteria from your wine while keeping the characteristics of the wine itself intact, and is done without the use of diatomaceous earth. It operates at low pressures to be gentle on your wine while stabilizing it and preparing it for bottling, with extremely low O₂ pickup. Because ATP Group is the exclusive U.S. distributor for our suppliers, working with us gives you singular access to industry-leading, state-of-the-art equipment. For our mobile cross-flow filtration we use:

- Padovan Smart 80 (flow rate 500-1600)
- Padovan Nitor 120 (flow rate 600-2400)

How it works

1. We start with a meeting prior to the service date to understand your goals.
2. On service day, we show up with the equipment loaded onto our truck. We'll need your forklift to get the equipment from our truck to your tank.
3. The wine should be racked clean of any lees and fining agents (esp. bentonite, PVP, and charcoal).
4. We will hook up your hoses directly to our equipment. Flow will run through the equipment and directly into the receiving tank you designate.
5. We will stay with the equipment the entire time.

Timing

Set-up: 2 hours Filtration: Depends on lot size Clean-up: 1.5 hours

Safety measures in place

We understand the importance each and every drop of your wine, and have a variety of safeguards set up as extra measures of protection including:

- Alarms to alert us in case of machine errors
- Factory-approved cleaning solutions
- Experienced technicians to ensure smooth filtration

What we need from you

- Your forklift and forklift operator to move the equipment from the truck and load it back onto the truck. Forklift must be able to lift 5000 lbs. for the Nitor 120 and 3500 lbs. for the Smart 80.
- Someone from your team designated to help facilitate filtration
- Access to electrical outlets (480v/240v)
- Nitrogen dewar
- Water source
- Hose for wine

Other options/services

- Inline O₂ monitoring and/or removal
- Power transformer (210v/240v to 480v)
- On-site lab tests
- Generator
- PES or PP membranes available

Note: Cleaning of machines might use and discharge potassium hydroxide, citric acid, nitric acid, sodium hydroxide, sulfuric acid, and/or hydrogen peroxide during the CIP process, typically at 3% solution or less.



For more information, contact ATP Group at 707.836.6840 or visit ATPGroup.com