

PERENNIA'S STILL WINE MOBILE BOTTLING UNIT REQUIREMENTS OVERVIEW

WHAT PERENNIA WILL PROVIDE

- Criveller Lobe pump with 1.5" tri-clover fittings with 60' of product hose from our pump to our trailer
- Criveller 9 spout bottle rinser and filler; capable of filling up to 1500 bottles per hour. Please note: filling speeds may vary depending on any dissolved CO₂, imperfect bottles or non-standard labels
- Criveller single head corking and capping station; capable of handling natural and synthetic corks as well as, Stelvin® style screw caps
- Criveller linear automatic adhesive labeling unit capable of handling front and back labels on the same roll
- Capsule dispenser for PVC, poly laminate and aluminum applications
- Palltronic flowstar filter integrity test to assess final filtration performance for the winemaker's records and ensure proper functioning filters
- Laser ink jet coding for QC and traceability purposes
- Automatic box taper at the end of the line
- Duel filter cartridges capable of 0.65 and 0.45 micron filtration. Filters will be billed to the winery if winery cannot provide
- We will cover our own electrical needs with a portable 60 kW diesel generator



WHAT THE WINERY NEEDS TO PROVIDE

- Perennia's trailer will be equipped with 60' of product hose that will be connected from our product pump to the bottle filler. The winery is responsible for any remaining distance needed to be covered if bottling location is further than 60'. They will also supply product hose from storage tanks to the pump. All 1.5" tri-clover fittings. These hoses must be cleaned and ready to be used.
- A potable water supply for the trailer that will be used for bottle rinsing and cleaning and a standard water hose connection (Perennia will supply 60' of water hose)
- All packaging materials needed for the day (glass, labels, corks and sleeves.) Labels need to fall within the following guidelines:
 - Maximum label height of 140 mm
 - 5 mm of spacing from top, bottom and other label
 - Inner spool width of 76 mm
 - Maximum roll width of 250 mm
- The winery will need to complete production information sheets for the wine they plan to package on that day. This production sheet will be provided at the time of booking.
- Bottling staff: Perennia's trailer will come with a lead operator and technician; the winery will be expected to supply a minimum of four staff to assist during the production day (a glass loader, glass unloader, someone to palletize and a qualified operator for the forklift/pallet jack to coordinate packaging material.) We also require that the winery dedicate a main point person for scheduling, correspondence and set-up location. Please note: each winery site is unique and may require additional staff for packaging; those needs will be assessed during the booking process.
- Wine intended for bottling must have undergone its final filtration and be at temperatures of approximately 10-14°C prior to bottling time to reduce condensation on bottles for label application.

Perennia will also require access to the site two hours prior to the start of bottling; the night before is optimal. This will allow proper set-up time and ensure the best possible conditions for the bottling run. There must be a qualified forklift operator on-site throughout the production day.

MOBILE BOTTLING UNIT SPECIFICATIONS

Perennia Food and Agriculture Inc. is pleased to announce the launch of our mobile bottling service to meet the needs of our growing wine sector. We will be focusing our efforts on packaging still wines, with the possibility of branching into other non-carbonated products. Our trailer will be operational in Spring 2018.

To book the bottling unit, please contact us at (902) 896-8782.

TRAILER SPECIFICATIONS

The trailer will be complete with a product pump, loading tables, rinser and sparger, filler, capper or corker, labeler with sleeve application and offloading table.

PRODUCT PUMP

- Portable for optimal placement
- Stainless steel lobes
- 1.5" sanitary tri-clamp connections
- Reversible flow
- Pumps up to 120 L/min
- Winery may need to supply extra hose

RINSING/FILLING STATION

- Capable of operating at speeds of up to 1500 bottles per hour
- Stainless steel bottle conveyer
- Inlet and outlet photocells
- Electrical height adjustment for rinser; manual height adjustment for filler
- With suitable change parts, the unit can handle bottles with diameters of 55 mm to 100 mm
- Unit can handle bottles with heights of 170 mm to 330 mm
- Rinsing station complete with recirculation system to reduce water consumption
- Deaeration station prior to filling
- Conical filling bowl to minimize waste
- Low-level vacuum filling

CAPPING/CORKING STATION

- Capable of operating at speeds of up to 1500 bottles per hour
- With suitable change parts the unit can handle bottles with diameters of 55 mm to 100 mm
- Unit can handle bottles with heights of 170 mm to 330 mm
- Natural or synthetic corks with diameter of 22 mm to 30 mm
- Natural or synthetic corks with heights of 28 mm to 45 mm
- Stelvin style screw caps with diameters of 30 mm and heights of 60 mm
- Nitrogen injection prior to screw cap placement

LABELING STATION

- Capable of operating at speeds of up to 1500 bottles per hour
- With suitable change parts the unit can handle bottles with diameters of 55 mm to 100 mm
- Unit can handle bottles with heights of 170 mm to 330 mm
- Label applicator can handle front and back labels; on same roll
- Label spacing - 5 mm between labels and from edges of label to edges of roll.
- Inner spool width up to 76 mm
- Maximum roll width of 250 mm
- Maximum label height of 140 mm
- PVC or poly laminate/aluminum capsule application complete with heat shrinkage or spinning heads

EXTRA FEATURES

- Unit will house dual 30" filter cartridges for final filtration step of 0.65 micron and 0.45 micron
- Palltronic Flowstar integrity tester for filter cartridges to ensure filter integrity
- Box taping station
- Steam cleaning capabilities

- Laser ink jet lot coding
- Reefer unit to ensure cool operating conditions when needed; heating capabilities during cooler winter months

MOBILE BOTTLING UNIT FAQs

- Q How many production staff are to be provided by the winery during production?**
- A At least four production staff are required; bottle loader, bottle boxing, palletizer and one person to operate forklift or pallet jack. Additional staff may be required given individual winery requirements. The winery should have one dedicated point person as well.
- Q What level of filtration is required before packaging?**
- A The wine should be filtered and ready to be bottled as per the winemaker's specification; we will have two cartridge filters on board for 0.65 and 0.45 micron filtration that acts as a fail-safe for our equipment.
- Q What will we need to have ready?**
- A A clear path and parking space for our trailer is required. Bottles, labels, caps or corks and sleeves for each SKU you hope to package that day must be prepared. Hoses as outlined under *What the Winery Needs to Provide* on the previous page need to be clean and ready to use.
- Q What sort of documentation do we need?**
- A The winery must complete a product information sheet when booking, which will list each wine they plan to bottle that day with all the associated packaging requirements. The completed form must be supplied to Perennia at least seven days in advance of the bottling date.



PERENNIA'S STILL WINE MOBILE BOTTLING UNIT BOOKING INFORMATION

WINERY NAME	
WINERY ADDRESS	
WINERY CONTACT NAME	
WINERY CONTACT PHONE #	
WINERY CONTACT EMAIL	
PROPOSED PRODUCTION DATE	

PRODUCT INFORMATION										
Type(s) of wine	Amount(L)	Estimated total cases	Bottle size(ml)	Bottle diameter (mm)	Bottle height (mm)	Glass in Bulk or cases	Finish required	Type of capsule	Label Orientation (front, back, wrap)	Label Height

