

# Infrastructure Services

Our Infrastructure Technologies provide significant pieces of wine production capability to New Zealand's key wine regions. The nature of these technologies means they are offered through our regional bases, rather than as mobile services to the winery door.

## Spinning Cone Column

Vintech Pacific is this country's leader in the production of low and no-alcohol wines, ciders and other beverages. We have developed significant experience and intellectual property in this important new market segment.

The Spinning Cone Column is a distillation device with established commercial applications including alcohol removal from wines and ciders. This technology has further applications in the recovery of flavours from wines, ciders, fruit juices, tea, and coffee.

Spinning Cone Column distillation occurs under vacuum so the temperatures reached are much lower and for far shorter periods than with other more traditional distillation technologies. Being far more gentle, spinning cone is ideal for many wine and beer making applications.

The Spinning Cone Column can be used to gently adjust alcohol levels or to extract desirable volatile compounds, during fermentation for example. These compounds can be captured to be later recombined into the finished wine or cider, enhancing the organoleptic profile.

### Other applications include...

- De-alcoholisation of wine and cider.
- Alcohol adjustment for improved balance.
- Sulphur removal from grape juice.
- Production of aromatic and flavour extracts for product innovation.



Vintech Pacific will commission a new, state of the art Go-Lo dealcoholisation unit in Blenheim, Marlborough during 2022/23.

**Dealcoholization for Wine, Spirits, and Cider**  
**A Single Pass Process**  
**Minimal Water Use**  
**Low Energy Consumption**  
**Dealcoholization – To Under 0.05% abv.**