

Optimizing Winery Production: TECO Electric Motors & Drives

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Unlocking Winery Potential with TECO Technology

In the world of winemaking, precision and efficiency are paramount. TECO Electric Motors and Variable Speed Drives stand as the backbone of innovation, addressing the unique challenges faced by wineries. Explore how our advanced solutions empower winemakers to overcome obstacles and elevate their craft.

Contact US Harvesting Excellence: Grape Crushing and Pressing Barrel Bliss: Agitation and Mixing Bottling Brilliance: Conveyor Systems Plant Monitoring and reducing Maintenance

Inconsistent grape processing affecting wine quality, directly impacting the quality of the final product. The need for uniform crushing and pressing is imperative to achieve optimal flavour extraction and ensure a delightful drinking experience for consumers. TECO Electric Motors provide the precise control essential for grape processing, guaranteeing a consistent and efficient operation.

Complementing this, TECO Variable Speed Drives empower winemakers to fine-tune processing speed, thereby ensuring the ideal extraction for exquisite wine flavours. Together, these technologies alleviate the pain points of inconsistent grape processing, allowing winemakers to achieve harvesting excellence. Fermentation Finesse: Temperature Control Systems Maintaining optimal fermentation temperatures is a persistent challenge in winemaking. The necessity for accurate and responsive temperature control to achieve consistent fermentation and enhance the overall quality of the wine is crucial. TECO offer a range of electric motors to reliably power refrigeration and ventilating systems efficiently. Variable Speed Drives take center stage in modern plants to closely regulate temperatures, providing wineries with unparalleled control over the fermentation process. Paired with TECO Electric Motors, these systems drive cooling and heating mechanisms with precision, ensuring a stable environment throughout fermentation. By addressing the intricacies of temperature control, TECO enables winemakers to achieve fermentation finesse and elevate the quality of their wines.

The aging process in barrels is a delicate art, and inadequate mixing can lead to uneven aging and flavour distribution. Winemakers seek a solution that ensures homogeneous blending, resulting in a harmonious and refined wine profile.

TECO Electric Motors can deliver a perfect blend in every barrel. With options in motor size, type and speed coupled with TECO starting technologies or speed control with the addition of Variable Speed Drives, winemakers can infinitely tailor mixing and blending, achieving an ideal balance for a refined profile. TECO's solutions bring barrel bliss by offering winemakers reliable and efficient tools to craft exceptional wines.

Inefficiencies in bottling lines lead to production bottlenecks, affecting overall productivity. The need for smooth and continuous conveyor operation is vital for seamless bottling processes. TECO's Electric Motors and Variable Speed Drives optimise conveyor systems, ensuring a seamless flow in the bottling process. By enhancing efficiency and reliability, TECO's solutions minimise downtime and increase overall productivity. Winemakers can achieve bottling brilliance with TECO, saving energy and

maintenance costs at the same time.

Not only does TECO have energy efficient, reduced maintenance motor options, we can also show you how to reduce the need for ongoing inspection and shift to asset management, rather than predictive and costly maintenance schedules. TECO offer a range of motor unit monitoring tools from simple motor mounted advisory units to ongoing Bluetooth® monitoring – it will update you with it's status as you get close enough for the Bluetooth® to connect) For larger sites or those with remote operations such as storage, TECO also have fully integrated monitoring system with Cloud based operation and live reporting back to a central hub. These options are about letting you know when things start to need attention, not after the unit (and your production or storage) stops operating.

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