

Rannie 57T Homogeniser – Elecster

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Homogeniser: [APV Rannie 57T](#)

Industry: Dairy, OEM

Challenge:

Global OEM [Elecster](#) were updating the sterilisation solution in their processing line and wanted to take advantage of the layout redesign to upgrade their homogeniser at the same time. The new homogeniser had to integrate easily into their standard design, be simple to install and use, super reliable and supported globally.



Solution:

SPX FLOW's Nordic sales team were keen to help having developed a strong and successful relationship with Elecster over the years. Such is the mutual trust that Elecster were invited to be one of the first customers to trial the new Rannie 57T homogeniser, which was in its final design phase, and to provide feedback. Elecster agreed and SPX FLOW provided 3D drawings to support the layout redesign.

Given their history of working together, SPX FLOW knows that many of Elecster's customers are located in challenging environments such as the hot climates of Africa, India and South America. We therefore understand Elecster's needs and the importance of meeting them.

Simple installation

Installation at the factory was simple and easy thanks to the improved modular electrical cabinet which is conveniently placed and easily accessible.

Easy to use and super reliable

Elecster advised that operators found the machine simple to use, thanks to its ergonomic design, and straightforward to maintain, thanks to the easily accessible components. The simplified transmission, with its integrated gear and standard belt tensioner, reduces maintenance and provides long and reliable operation.

Benefits:

- Simple Installation
- Improved Reliability
- Reduced Maintenance
- Easy to own and maintain

Given their customer base, Elecster particularly appreciated the improvements made to the oil cooling and filtration system which they found more efficient as it optimises water consumption and oil temperature, and extends the lifetime of the oil. The newly designed homogeniser also incorporates additional fan air flow to keep the inside of the cladding cool.

Easy to own and maintain

The new homogeniser incorporates the same reliable, proven liquid end which Elecster says gives them the assurance of process compatibility and easily interchangeable spare parts reducing the cost of ownership.

Elecster are delighted with the benefits the new model brings, particularly as our stock agreement gives them short delivery times, and have integrated it in their design standards.

To learn more about the new 57T homogeniser from SPX FLOW visit the SPX FLOW website or contact your local SPX FLOW representative.