

TETRA PAK® VARIOBOOST

Power saving software for membrane filtration systems



APPLICATION

VarioBoost optimizes the speed control of the booster pumps automatically, thereby achieving up to 50% power savings.

The software, which has been tested in cooperation with customers, helps the booster pumps run at the lowest possible speed without changing the performance of the membrane filtration system. In addition, the need for cooling is reduced, adding further to the significant power savings.

The intelligent software ensures longer membrane life and lower risk of telescoping of membranes, as the flow over the membranes is reduced during production.

Membrane filtration is already a sustainable solution when it comes to filtration of milk, cheese milk, and whey; e.g. when removing bacteria that ensures the dairy products longer shelf life; or when concentrating milk and whey by removing water and using the latter in the production processes instead of discharging it as wastewater.

VarioBoost is an integral part of new Tetra Pak membrane filtration systems – and can be integrated with existing ones.

Combined with our water saving solutions, Tetra Pak offers cutting-edge membrane filtration systems that support customer requirements for cost reduction and sustainability.

Patent on VarioBoost is pending.

