



HYDRATEC SMART™

A project from Lester Controls

# HYDRATEC SMART™

**During 2015, hydraulic lift specialists, Hydratec Lift Services, approached Lester Controls with the view to develop and manufacture a bespoke ALMEGA II hydraulic controller for their new modular hydraulic lift modernisation product, Hydratec smart™. The target time for Hydratec's smart™ introduction to the market was scheduled to be in time for LIFTEX 2016.**

For Lester Controls, the all-important element of the project was developing the software to provide a fully compliant hydraulic EN 81-20 solution based on the ALMEGA II controller, to manage Bucher's high quality iValve & VVVF drive.

Hydratec's objective, with the new Hydratec smart™, was to provide a new range of low energy integrated hydraulic modernisation packages that could be easily tailored for installation in a wide range of environments.

Lester Controls worked with Hydratec to develop a specific ALMEGA II control solution for the Hydratec smart™. Additionally in 2017, to help with installation speed, we added our plug and play connectivity system Flexibus, a full serial system.

Since the launch, Lester Controls has manufactured and supplied multiple ALMEGA II controllers for the Hydratec smart™ which have been installed in buildings, ranging from low usage retirement homes to infrastructure locations that routinely experience high levels of passenger traffic.





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