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## Special Applications

This category includes plants or plant sections meant for niche applications for which standard machines are not adequate.

Some of these machines were developed in close collaboration with Fedegari's Customers in order to meet special production requirements.



As their design and production was valid, some of these machines are now offered regularly, although their type of application restricts their use to cases of actual need. Some of the most significant examples are steam sterilizers with washing and sterilization cycle for elastomeric closures, processes for sterilizing high-pathogen materials, sterilizers with rotating loads and plants using liquid or supercritical CO<sub>2</sub> for special applications.



These designs are the best expression of customer-supplier cooperation and are founded on mutual recognition of each other's skills.

The results achieved have allowed both the customer and the supplier to evolve the technology of their products and

grow with it over time, being imitated by those who lack the courage to explore new options and instead merely offer whatever is asked of them.

A large team of experts with many years of experience in the field, assigned to the development and validation of the systems, ensures that they evolve constantly and achieve ever better integration with external systems, in order to meet the requirements of the users.



The various series of dedicated controllers were extended, toward the end of the 1990s, by new series based on commercial hardware (PLC) for less critical applications and in order to meet the requirements of users for whom hardware selection is more important than overall controller performance.

For dedicated systems, there are also software products for PCs for the remote monitoring of plants or electronic filing of processes.