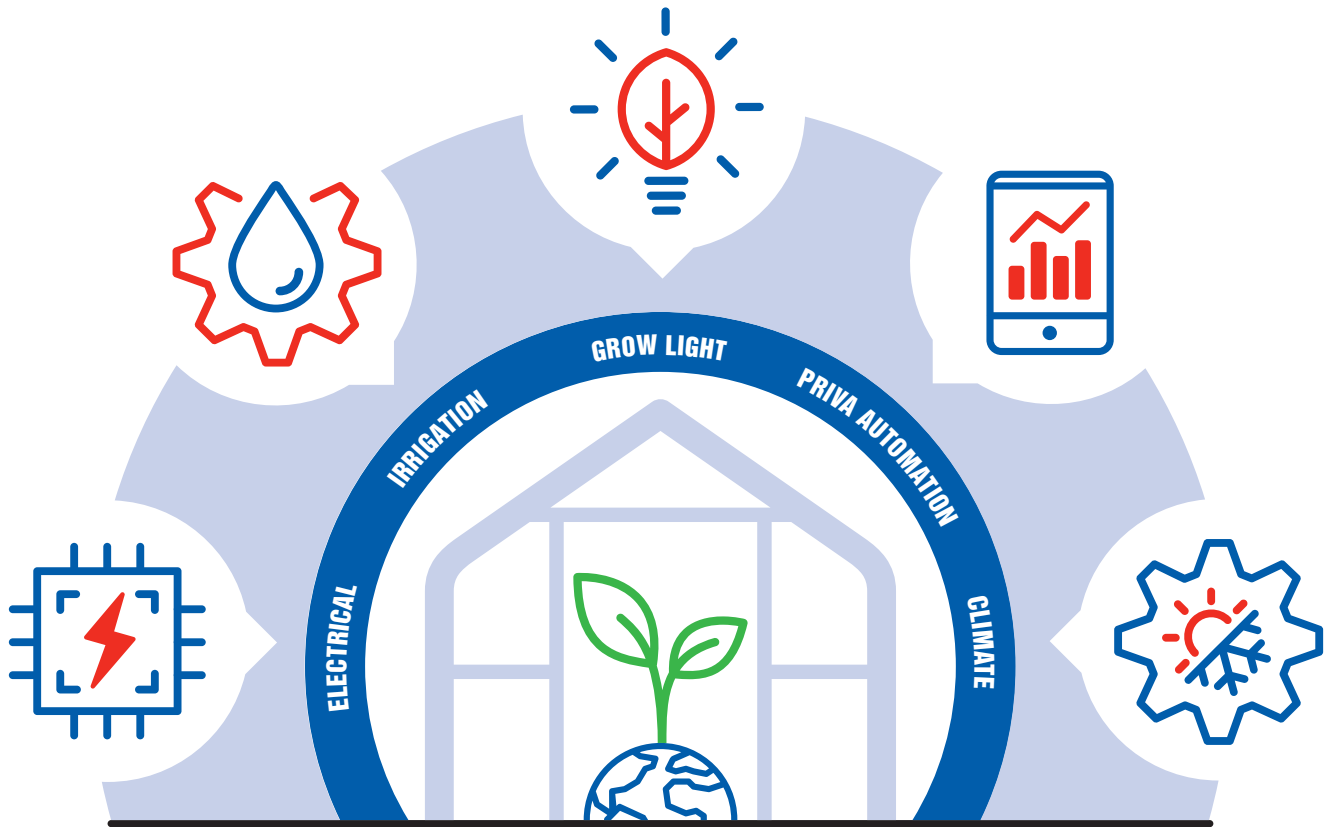




**STOLZE**



Your idea **solutions**  
our



Stolze is a specialist in the field of electrical and irrigation technology, grow light, automation and climate technology. Technology is our passion.

Every installation is custom made and we are excited to work with you to convert your wishes into a bespoke solution which is robust and reliable.

From the design stage to realisation and tailored to your unique situation, whether the focus is on a climate computer or the full integration of all disciplines.

We are using mainly our own design team and assembly engineers.

Even after installation, you can rely on our team of experienced service engineers, who are based in five countries worldwide.





## WHO IS STOLZE?

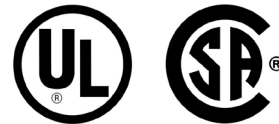
Stolze has been a renowned name in horticulture since 1969. With over 125 employees, Stolze has become the specialist for electrical and irrigation technology, grow light, automation and climate technology for the modern horticulture. Our company is located in a modern building in Maasdijk, the Netherlands.

We can deliver our disciplines separately but our speciality is a fully integrated overall project. Within Stolze, our disciplines have been deliberately merged. We believe that the ideal installation is the result of perfect coordination between the various disciplines.

# ELECTRICAL TECHNOLOGY

The electrical installation is the key of your greenhouse. The control of vital functions in the horticultural sector is very essential to realize an optimum growth. First of all an uncomplicated electrical energy supply is necessary to have all modern installations functioning. Development and installation of this complete system is done by Stolze's own engineering team.

All switch panels will be assembled in our own factory. All the switch panels are CSA / UL certified. This gives you the certainty that we not only offer an appropriate solution, but also a reliable and qualitatively high installation. All of our installations delivered to the US and Canada are fully certified and tested in our own factory.





## GROW LIGHT

Grow light is indispensable in modern horticulture. Uniformity of light and light output is essential for the highest possible efficiency. You can achieve optimum performance with a well thought-out lighting plan.

### HPS Lighting

At Stolze we have broad experience in installing HPS lighting and new developments are closely monitored. In close cooperation with various reputable suppliers of fixtures, we design the most efficient solution.

### Stolze Las System

Stolze manufactures the entire grow lighting installation in-house. We use the 'Stolze Las System' (SLS) to make pre-assembled cabling for saving labour costs and an efficient installation. The SLS and switch panels are both CSA / UL certified. CSA / UL certification is a guarantee that the installation meets certain standards in safety and functionality in pre-defined conditions.

## LED lighting

LED lighting offers many advantages, such as higher yields, earlier flowering, faster root growth/germination and control over plant growth. What is more, LED has a longer life and consumes less energy. Stolze is Philips LED Horti Partner. As a selected Philips dealer, we are closely involved in the development of LED lighting. Philips supports its partners in projects and field tests. One of the ways it does this is by Philips plant physiologists making their knowledge about lighting mixes available in the design and supervision of projects. Knowledge and experiences are also shared when it comes to the planning and installation of lighting. We are thus able to offer various solutions for successful, energy-efficient cultivation.

**PHILIPS**

LED Horti Partner



# IRRIGATION TECHNOLOGY

In modern horticulture, an accurate irrigation system is indispensable. Each crop requires a different recipe and quantity of water in order to achieve optimum growth. Stolze develops, designs and installs irrigation installations for each crop. These are carefully planned and are both reliable and cost effective.

Stolze develops, designs and builds custom made irrigation unit constructions in its own workshop. The units are provided with our own switchboards which can accommodate the entire pump circuit and automation. We place all necessary components, such as switchboards, pumps, filters and valves, according to a pre-designed layout on stainless steel frames.

Because of the standardised structure of the units, Stolze is able to carry out a large part of the installation work in the workshop, so that the start-up time of the unit is minimised.

Stolze's developments, assemblages and installations are:

- Ebb and flood installations
- Drip installation
- Overhead irrigation
- Osmosis installations
- Water storage installations
- Drain return installations
- Drain water disinfection installations

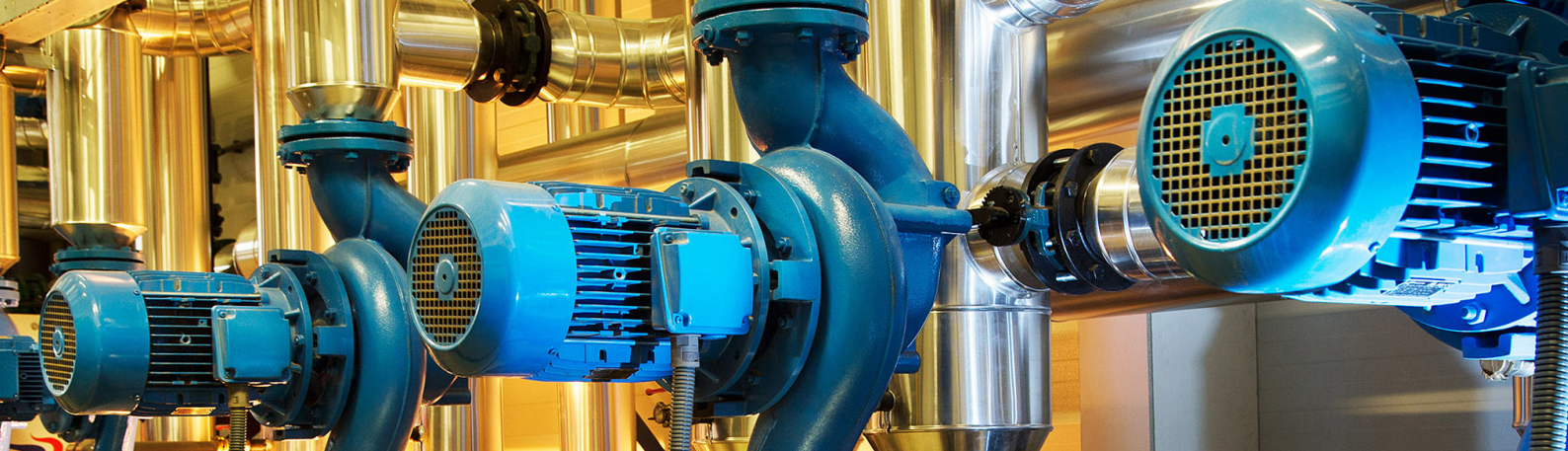






## PRIVA AUTOMATION

Stolze is Full Service Partner of Priva systems. Climate regulations, irrigation management, growth lighting and energy management can be realised all in one Priva computer. With the technology of a real market leader such as Priva and the knowledge of Stolze you may be certain that not only the integration of systems, but also the maintenance and after sales service are on a high level.



## CLIMATE TECHNOLOGY

Uniformity is the keyword for each climate control installation. An installation which ensures an equal temperature is an edge condition for growing and growing an optimum product. Balance between quality, costs and energy usage are the three key words of our calculation. Since energy is the key factor in your installation, a good developed and installed heating system provides maximum advantage. CO2 installations are important to keep growth in your crop. Stolze has an itself-developed calculation module for getting the most uniform CO2 distribution in the greenhouse.

Stolze's developments, assemblages and installations are:

- Greenhouse heating installations
- Boiler room installations
- Heat storage tanks
- Boilers
- CO2-installations
- Gass and oil burners
- Heat exchangers
- Expansion systems
- Pre insulated pipeline systems
- Insulation
- Air control boxes

# WHY STOLZE?

With extensive experience at home and abroad, Stolze is the specialist in electrical and irrigation technology, grow light, automation and climate technology for horticulture. From design to completion, we carry out everything in-house.

- For each challenge, we offer a solution tailored to your wishes.
- We are specialists in the field of complex systems.
- We work with quality materials and installations, built for the future.
- We mainly work with our own installation engineers and specialized subcontractors.
- Your installation will be constructed and maintained by a single installer, so you always have a fixed point of contact.





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