



# Paul Boers

## TOTAL GROWING SYSTEMS



### HEATING SYSTEMS

Hot water heating systems are an important part of the modern greenhouse operation. They provide the best climate conditions for your crop. In many cases the heating lines have a dual purpose and are used as a rail system for internal transportation as well. The boiler room equipment is specially developed for the use in greenhouse applications. The boilers and burners we use are designed to be controlled by the climate control system and provide an efficient source of heat. If required, the flue gases from the boiler are used in the greenhouse for CO<sub>2</sub>-enrichment. For that reason, we use

boilers producing clean fluegases, meaning minimal amounts of CO and low NO<sub>x</sub>. Paul Boers is your partner to design and install the most efficient heating system, based on your needs and requirements.



### HEAT STORAGE SYSTEMS

More and more greenhouse heating systems are equipped with a heat storage system. The heat storage system is implemented to be able to use CO<sub>2</sub> during the day and store the heat for the night. Heat storage systems or so-called 'open buffer systems' are also used to even out the load of the boiler over a longer period of time and shaves of peak loads. A new development is the combination of boiler and heat storage tank in one, to be more efficient and easier to control. Many different options are available and we would be happy to discuss your needs and develop the most efficient system for you.

### FEATURES

- ▶ INSTALLATION
- ▶ IN-HOUSE HEATING ENGINEERING & DESIGN
- ▶ HOT WATER SYSTEMS
- ▶ GAS FUELED BOILERS
- ▶ ALTERNATIVE FUEL HEATING SYSTEMS