

Heating systems



Boilers

Horticultural boilers have large water volume to cope with fast changes in ambient temperatures. They have a large heated area for economical use and low CO and Nox emission. ATS supplies Crone, Viessmann and other makes of boilers for different fuels like gas, oil, wood etc. in all possible capacities.

ATS engineering can (re-)design your heating system to archive the best possible efficiency.



Burners

ATS provides Dutch made Zantingh gas, Monarch heavy oil burners and Canadian build PE-engineering wood-pellet burners. All burners are high quality products that come in all possible capacities. The Zantingh burner is especially designed for low CO and Nox production in order to produce clean CO2 for direct greenhouse use. The gas and heavy oil burners have a light fuel oil emergency back-up burner.

Condensers

Condensers after the boiler does not only raises the efficiency of your boiler by up to 14% but also makes CO2 readily and dry available for greenhouse use. The ATS / "van Dijk heating" condensers can fit any type of boiler in the most challenging positions. ATS-engineering specialists can advice and design the best application needed.



Expansion system

Expansion tanks for greenhouse heating systems can be delivered from 750 up to 20.000 litres capacity. The cooling, membrane and automatic pressure holding tanks are produced to the engineered dimensions and capacities.



Heating Pumps

Johnson pumps used in greenhouse heating systems are well known because of their reliability. The Johnson in-line installation reduces unnecessary piping. Johnson pumps are available in many different sizes and pressure/capacity ratios.



Ask us about our all other quality products used in heating systems not mentioned.

General

Grading Machines

ATS provides grading and packing systems for all kinds of fruits, vegetables, flowers and roses. ATS provides solutions for all grading and packaging problems. ATS supplies a.o. the state of the art, durable and reliable Aweta grading machines.

Agro product storage

ATS supplies for agro product storages both ventilation and cold storage systems. The ATS TKC "Turn Key Cooler" is delivered fully assembled and easy to install. The TKC provides economic cooling by course of computer regulated cooling possibility by outside air or by means of the mechanical refrigeration system. The TKC system reduces dehydration of the product by using a oversized evaporator. The ATS-TKC cooler is movable and is built in capacities from 10 to 70 Kw.



Specialities

ECA water treatment

Electro Chemical Activated water kills micro-organisms in a short contact time. Slime, algae, fungus, and plant pathogens are removed from water systems by mixing a small quantity ECA Solution with irrigation water. In addition, root and fungus diseases can be removed with ECA Solution. ECA Solution is made on site using ordinary water and a little salt. ECA is non toxic, environmentally friendly and can be used by biological farmers.



ATS Engineering

Technical design of greenhouse systems like heating, irrigation, lighting and those for growing have a large influence on the production cost, quantity and on the quality of the products. ATS engineering has many years of successful experience in new and upgrading design of greenhouses and greenhouse systems.



Agro Laboratory Service

In cooperation with leading STER certified agricultural laboratory SGS, ATS provides the total package of chemical and bacterial analyses combined with grow advice for horticulture. Water, soil, plant and all possible agro analyses can be provided.



ATS is active member and part of "lets-Grow". The Dutch internet consultant service.



ATS

Equipment for Greenhouse, Horticulture & Agriculture

Agro Technical Supplies b.v.

Agro Technical Supplies b.v. is general supplier of greenhouses, greenhouse equipment and systems, horticulture machines and necessities and equipment for agro-storages and agro-product processing and equipment.

Because of the unique combination of the supplied equipment, the technical know-how, the agro-consultancy and the technical service rendered we can help YOU to optimise YOUR production.

Agro Technical Supplies b.v. was founded in 1994 and has since its early days focused on producing and supplying innovative, state of the art high-quality products from the best Dutch and international manufacturers and suppliers.

Agro Technical Supplies b.v. has distribution centres and sales representatives in Holland, Canada, Russia, Ukraine, Latvia, Lithuania, Estonia, Belarus, Brazil and is furthermore active worldwide.



Water systems

Greenhouse equipment

ATS

Unimix XL/XS

The Unimix XL/XS with the well known greenhouse VOCOM computer is a computer controlled irrigation fertilizer mixer, dozer and drip-pump system.

The Unimix provides irrigation water with extreme accurate pH and EC to the plants. The Unimix can handle up to 7 different "A-B fertilizer menu's".

The Unimix is built in capacities from 5 up to 100 m³/hour and can be equipped with different (build on) filters and in different layouts.

The Unimix can be equipped with a Vocom, Sercom or Hoogendoorn process computer.

Filter Systems

The ATS build irrigation water filter systems are very reliable and durable. The filter systems are built with sand, screen or in line filters in different sizes and capacities. The filter units can be built as fully automatically or manually operated.

Day Water Tank

ATS day water tanks are made of preformed corrugated galvanised steel with a PP tarpaulin liner and a top anti-algae cover. The ATS tanks are easy to assemble and come sized to fit in or around the greenhouse.

UV Unit

The ATS Ultraviolet disinfections unit is specially designed to clean even the most polluted and blackish water. Because the UV lights are placed above the water the lamps stay clean from the usual sedimentation. The ATS-UV unit is built as a stand-alone unit with a capacity up to 50 m³/hour, low use of power, without the use of chemicals and has low maintenance. The unit can be placed in any water system without a problem.

Drip Systems

For optimal irrigation and distribution of fertilised water to the plants ATS delivers different types of professional drip-systems. For optimal irrigation and distribution of irri-water ATS delivers both simple French capillaries, none- and pressure compensated dripper systems.

Ask us about our all other quality products used in water systems not mentioned.

Greenhouse Construction

ATS supplies all different types of greenhouse constructions. ATS can help to make the proper choice, takes care of the needed engineering, delivery and of the construction of glass or plastic greenhouses anywhere in the world.

Assimilation Lighting

Finnish "Helle" assimilation lamps for greenhouse use, have a simple and robust construction, are easy to install, have low maintenance costs and are very competitively priced. ATS delivers various types of lamps with different reflectors, voltage and wattages to fit to your needs.

Climate Computers

ATS can supply Sercom or Hoogendoorn greenhouse climate computers. Both systems are state of the art, user friendly, easy to set and easy to control. The climate computers are managed by PC with a graphic interface. Settings are made by mouse click and all greenhouse climate systems can operate fully automatic. The climate computers can be connected to wire or wireless modems for remote control.

Grow Gutters

ATS delivers and installs greenhouse gutters for different grow systems. Grow gutters are made off steel or off plastic. Gutters come in several different cross section, sizes and as floor or hanging types. Gutters can be chosen for loose or bagged substrates.

CO₂ Multiplexer

The Engineered and manufactured CO₂ multiplexer is a useful tool to measure CO₂ levels in multiple zones. A short measurement cycle is achieved by using three way valves in combination with a double set of circulation pumps. The double set of circulation pumps creates a continuous flow of air from the zone. The CO₂-multiplexer can be operated from every climate computer or installed with its own PLC-system for autonomous functionality.

Ask us about our all other quality horticultural products not mentioned.



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Ats around the world

Agro Technical Supplies b.v. has its head office in Holland and sales offices, service and distribution centres in Canada, Brazil, Russia, Ukraine, Belarus, Latvia, Lithuania, Estonia and is furthermore active in most other parts of the CIS countries and supplies worldwide out of Holland.

With its head-office and logistic centre in the Netherlands **Agro Technical Supplies b.v.** is in the middle of the highly innovative Dutch greenhouse and international horticultural world. The ATS group is constantly searching for and introducing new products, better services and solutions for the greenhouse grower and farmer.

The ATS group incorporates;
Agro Technical supplies b.v.,
ATS Engineering b.v.
ATS Unique Technologies b.v.
PE-engineering Ltd.

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