

A WORLD OF HORTICULTURE




tebarex
HORTI TECHNOLOGY



Tebarex is a Dutch company with an extensive experience in the design, project management and installation of greenhouse horticulture solutions. Tebarex is formed by a team of experienced engineers who have been working for many years in the companies: Tebarint, Van der Arend and Arend-Soesef. The opinion of Tebarex is that "Your success is our success". Your interests are the red thread in our approach. We work on the principle of Quality - Clarity - Trust. From our first advice and technical drawing to the cultivation phase, Tebarex is at your service with a clear approach. Our technical specialists guide your project from the introductory meeting through to after sales service.

Tomorrow's technology

In this regard, the integration of the greenhouse subsystems to achieve an effective climate, related to an efficient management of water and energy. Tebarex designs your total solution efficiently and in a well thought-out plan. Due to applying sophisticated measuring and control technology, the growth of your crop is manageable and controllable.



Tebarex brings you "tomorrow's technology" for your horticultural future!!

Wide-ranging experience

In the rapidly changing world of modern horticulture, where quality and cost control are key concepts, choosing the right supplier in the area of technology and automation is of vital importance. Being part of the Dutch horticultural scene, Tebarex is at the forefront of innovation. The wide-ranging experience we have gained in all conceivable climatic conditions, from the cold areas in Russia to the heat in the Middle East, has taught us that only the highest level of quality is good enough! We act global but think local.



▲ growlight



▲ meteo station



▲ semi closed system

Irrigation

- Drip irrigation
- In & outdoor sprinklers
- Ebb and Flood
- Drainwater system
- Roof sprinkler
- Crop cooling (fogging)
- Hand watering



▲ rain water reservoir

Grow light

- Armatures
- LED
- Cabling
- Switch panels
- Distribution panels
- Grow light control



▲ switch panel

Control systems

- Climate control
- (semi) closed greenhouse
- Irrigation control
- Analog control
- PLC control
- Data management
- Alarm control

▼ data management



Water treatment

- Mixing tank unit
- Direct injection unit
- Liquid fertilizer systems
- Filtration
- Water sterilization
- Reverse osmosis
- De-ironing systems
- Neutralizer

▼ fertilizer dosing



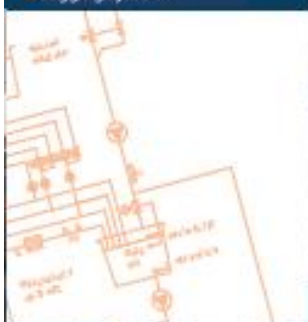
▲ LED systems

▼ drip irrigation units





▲ fogging system



▼ air circulation



▲ wiring header

Electric

- Switch panels
- Frequency drives
- Databus systems
- Cabling & wiring
- Cable gutters
- Outlets & lighting
- Generators
- Alarm & sound



▲ pathway receptacles



▼ cold water distribution

Water storage

- Rainwater collection
- Outdoor reservoirs
- Sunken indoor ponds
- Galvanized steel silos
- Steel bolted plate silos



Supplements

- Air circulation
- Sulphur evaporators
- CO2 systems
- Pad & fan systems
- Spray equipment
- Substrates
- Crop gutters
- Benches & container



▼ irrigation valve set



▲ UV disinfection unit



▼ water storage tanks



Projects in 7 steps

A project cycle of 7 steps will show you how your project will take shape from an idea to a perfect operating greenhouse. It all starts with orientation of the possibilities (**step 1**) with our technical consultant. Based on the conclusions made, we begin preparation (**step 2**) in which we will draw up an extensive plan. **Step 3** is the engineering. Based on the defined project specifications, a detailed package of working drawings will be created. We complete this phase of production by performing the necessary tests on both the tailor-made parts and the materials delivered by external suppliers (**step 4**). The installation (**step 5**) is fully dependent on your wishes. To build your future greenhouse, Tebarex has a large network of irrigation engineers as well as electrical engineers and computer specialists. After completing and evaluating the work ordered, all changes carried out during construction will

be incorporated into the working drawings and in the user manuals (**step 6**). The after-sales service (**step 7**) is well organised at Tebarex. Together with our service partners, you will be able to reach our helpdesk and service engineers 24 hours a day, seven days a week.

Maintenance contract

In modern horticultural industry, technology and automation plays a key role. Failures or even breakdown of the irrigation system or climate control will have major consequences for the growth of your crop. Also insurance companies now demand good preventive maintenance! Tebarex offers you a 'Maintenance Contract', in which our specialists will carry out periodical preventive maintenance, in cooperation with your own maintenance crew or local service partner. This will be carried out according to a 'Maintenance Schedule' for all by Tebarex delivered equipment.

VISIT OUR WEBSITE TO SEE MORE OF OUR WORLDWIDE PROJECTS



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