



# DEBETS SCHALKE

GREENHOUSE PROJECTS

TURN-KEY GREENHOUSE PROJECTS  
AROUND THE GLOBE



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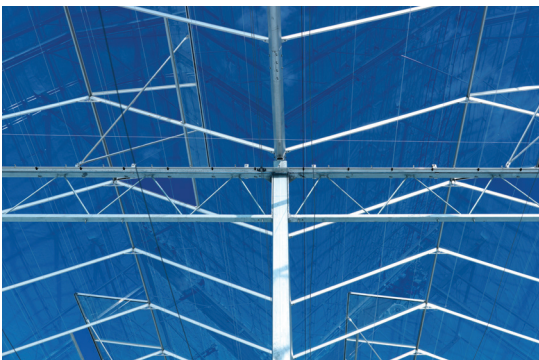
## DEBETS SCHALKE

As a company specialising in global turnkey greenhouse projects, Debets Schalke manages the construction and installation of a dynamic and multidisciplinary cultivation environment. In doing so, it responds to the current and future needs of national as well as international growers by supplying high quality greenhouses and technical installations. Since it was founded in 1985, Debets Schalke has skilfully and carefully implemented over a thousand projects all over the world.



## TURN-KEY

A greenhouse is a major investment that must be constructed with care. In a turnkey project, Debets Schalke is responsible for the design, construction, the technical installations and everything associated with delivery of the project. The entrepreneurial grower therefore receives a ready-to-use greenhouse, with crops already planted if desired. This provides clarity about the total cost right from the start. By engaging Debets Schalke, growers bring an experienced and professional partner in house. A professional who manages everything efficiently and thoroughly, taking into account the customer's individual circumstances. With Debets Schalke, the grower can experience the joy of work planning and let Debets Schalke take care of the rest!



## NEW GREENHOUSES

Debets Schalke assures the customer of the highest possible quality from start to finish. This is already evident in the proposal and design phases. Nothing is left to chance and the company provides the customer with professional advice. In consultation with the grower, Debets Schalke's specialists design and construct future-oriented greenhouse solutions that facilitate crop cultivation in every possible way. A greenhouse that meets the latest standards and environmental requirements with solid, high quality systems, reliable installations and perfect quality glass, all reflecting the customer's requirements.



## USED GREENHOUSES

Debets Schalke differentiates itself in the market based on its wide range of used greenhouses. Only first-class materials and components are used to construct these greenhouses. Each item is refurbished, cleaned, sorted and labelled. If necessary, the materials and components are adjusted to meet the customer's specific requirements. In other words, a used greenhouse can also be custom-made. Less expensive, but every bit as good as a new greenhouse. Furthermore all used greenhouses fully comply with Dutch insurance requirements.



## HORTICULTURAL MACHINES AND MATERIALS

Debets Schalke works closely with DS Hortitrade, experts in the supply and installation of horticultural machinery and materials. Besides various new products, the company also supplies a wide range of used machines, materials and cultivation systems. Everything is completely refurbished, measured, tested, labelled, perfectly cleaned and therefore in excellent condition. And where requested, supplied with a warranty. In other words, less expensive, but guaranteed to be in good shape. Regardless of choice, the customer is always assured of a product that is in good working order!

## SCREENING

Screening systems improve climate control and energy efficiency in the greenhouse. This translates into greater yield as well as significant energy cost savings. The ability to reduce the undesirable emission of grow light is another bonus. Debets Schalke is expert in screening and darkening greenhouses. The grower receives custom advice based on factors like the type of crop and the climate, after which Debets Schalke ensures that the energy or darkening screen is expertly installed, tested and commissioned.



## AUTOMATION

Automation comprises all equipment used to control or regulate the technical installations inside the greenhouse. First and foremost, a good electrical power supply is essential to ensure all installations function properly. All installations must then be optimally coordinated to achieve the right production and quality levels. Debets Schalke is aware of the latest developments and the newest systems. If desired, it can supply all the required facilities, ranging from automatic climate control to the lighting systems.



## HEATING

A good heating system enables a grower to optimally control the climate in the greenhouse, as well as make efficient use of energy. A uniform temperature distribution is crucial for cultivating or growing a high quality product. Debets Schalke can deliver the entire installation, ranging from the boiler to the construction of the boiler house. Partial installation as an add-on to an existing installation is also an option.



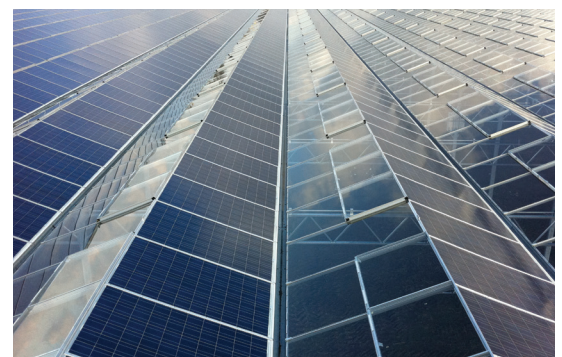
## WATER TECHNOLOGY

Water and fertiliser are two growing factors in which quality and precision are vitally important. On the one hand, the water must be in good condition and contain no pathogens. On the other hand, precise measurement and control systems ensure the crops are properly dosed. Debets Schalke supplies and installs all the required water engineering systems in and around the greenhouse. Water basins, sprinkler systems, substrate installations and ebb-and-flow systems are available in various versions. Always first-class and custom-made. And something that Debets Schalke's customers have come to expect: carefully installed with a guarantee of problem-free operation.



## SOLAR SYSTEMS

Sustainable energy is the future. That applies to the horticultural sector too. As a result of rapid technological developments, solar energy is one of the driving forces of sustainable energy. Based on its knowledge of greenhouse construction, Debets Schalke has developed a system that makes it possible to generate sustainable solar energy simply, cost efficiently and integrated into the horticultural operation. The Debets Schalke greenhouses with an integrated greenhouse solar roof for generating solar energy are proving themselves excellent carriers of solar panels on a daily basis. The structure is naturally manufactured in accordance with the highest quality criteria and forms the basis for a high return on investment.





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