

PvCombi

The well-proven unit assembly system for open areas with optimized loadings!



- Optimized according to the new structural safety norms of 2007
- Minimum loadings due to multi-row design
- Especially for the application on landfill sites
- Well-proven unit assembly components based on PvMax2 / PvMax3

With its wide range of systems, the Schletter company offers customized solutions for very different applications in open areas. The **PvMax3** system has been designed for small and medium-sized projects up to 100kW. This unit assembly system that can be assembled very quickly, can be projected on the basis of structural analysis and calculation programs, only requires a very little planning effort and does not bring about any special requirements concerning soil conditions and machinery. As a foundation, usually prefabricated concrete components or cast-in-place concrete components are used. In contrast to that, the FS system uses pile driven supports made of galvanized steel as foundations. As a higher one-time effort is required concerning soil examination and the transport of the special machinery needed, the specific system price of this system has been optimized for projects from 100kW far up into the area of two-digit MW projects. In the course of the further development of the **PvMax2** to the new **PvMax3**, many advantages and optimizations of the FS system that already has been applied in numerous projects became part of the unit assembly systems of the PvMax series, especially the patent-protected triangle profile designs represent the maximum of structural material optimization in this case of application.



Especially on landfill sites, pile-driven supports mostly cannot be applied because the sealing membrane is positioned too high. In many cases the required loads of the concrete foundation turn out to be a problem on landfill sites. The systems of the **PvCombi** design are optimized especially for these application cases by the interconnection of the rows. Due to the extended soil contact area and the consequently minimized moment of tilt, the structural safety of the plants can be obtained with lesser loads.

Please consider that in contrast to the PvMax2 and PvMax3 systems, an individual project planning has to be carried out, and therefore accordingly longer handling times have to be considered!

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