Solar Thermal Energy for the Industry





Heat from the Sun - easy, efficient and economic



Aschoff Solar

Aschoff Solar is a German System Supplier for Solar Thermal Solutions. The Aschoff Solar Systems are developed in the industry for the industry, combining the advantages of the European and international Solar Technology. German Engineering and a long term experience in Solar Technology and Plant Engineering ensure high performance, reliability and outstanding short pay-back periods.

- Optimize your energy costs
- Reduce your CO₂ emissions and your carbon footprint
- Use the smart and profitable way to green production and image

Applications for Solar Thermal Systems











Leather Industry

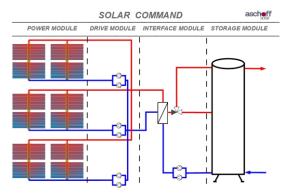
Textile Industry

Food Industry

Dip Coating

Preheating of Boiler Feeding Water

Aschoff Solar Thermal Systems



FEATURES

- High efficiency with SMART PIPE Technology
- Low pressure, low costs
- Flexible and reliable with modular structure
- Less maintenance by quality components
- High intelligence with SOLAR COMMAND

Modules

- POWER MODULES with high efficient SMART PIPE Technology
- DRIVE MODULES with components from high level European brands
- INTERFACE MODULES with high efficient and intelligent components
- STORAGE MODULES individual designed and pre-assembled
- SOLAR COMMAND for overall process automation and online access



The SMART PIPE Technology

Our *SMART PIPE* Technology is based on non-pressurized Solar Systems, where water is directly flowing in the vacuum tubes. This increases the efficiency and the high water content ensures stable operation conditions. Combined with the forced circulation by inverter controller solar pumps, high efficiency under all operation conditions can be ensured.



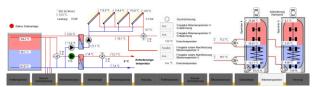
SMART PIPE - efficient and safe

- High-efficient vacuum tubes with best heat insulation
- Vacuum tubes filled with water for direct heat transfer
- Less material, less costs
- High water content of tubes ensures safe operation
- Easy to clean, no maintenance

The SOLAR COMMAND

- Online control and observation
- Energy savings reported every day
- Long term usage pattern for optimization and analysis
- Systems connected to Service Center for preventive maintenance
- Prepared for industrial ethernet communication





Our Quality



Collector Support based on Aluminium and Quality Components from European Brands



Why Aschoff Solar

- Short return of investment
- SOLAR COMMAND with bi-directional process automation
- Modular structure for future expansion and high reliability
- Individual designed for your industry
- Preventive maintenance in dialogue with the system control
- SMART PIPE Technology ensures efficiency and reliability
- Pre-assembled plug-and-play container solutions



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