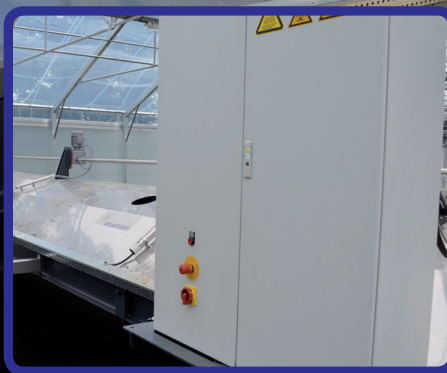




SolarTiger®

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Description:

With the SolarTiger® - technology the mass of the disposable sludge may be reduced by 70-95%. With the natural energy of the sunlight the bounded water in the sludge is evaporated.

While drying the sludge has to be turned continuously in order to transport moist material to the surface. At the same time the sludge is aerated and is kept aerobic. By the high efficiency of the SolarTiger® - technology the creation of nasty odours by rotting sludge during drying is prevented successfully.

Important benefits of the SolarTiger® - Technology:

1. Low power consumption (app. 20-25kWh electrical energy per ton water evaporation)
2. Regulation of the machine and ventilation by measurement and control technology
3. Flow and batch processing is possible
4. During drying the sludge can be transported over the whole width of the drying area in longitudinal direction
5. The low personnel placement for operation, maintenance and service may be calculated with 20-30 minutes per day
6. Very high standard of work safety
7. Prevention of nasty odours by all-over aeration of the sewage sludge in one work step above the whole width of the drying area

Technical characteristics of the SolarTiger® - Technology	
Total power input of the SolarTiger® - machine	9-14.5 kW
Total power input of the solar drying plant	up to 27.5 kW
Ground coverage (variations possible)	3,600m ² /h
Efficiency (variations possible)	900m ³ /h
Total weight	app. 4,000 kg