

# Heliomotion TC-1000



## Key specifications

Model:	TC-1000
Collector type:	Flat plate collector
Tracker type:	Dual-axis tracker
Manufacturer:	HelioZenit AB

## Performance

Peak effect ( $\Delta T$ 0°):	1400 watt
Average effect ( $\Delta T$ 40°):	1000 watt
Daily energy yield:	8-12 kWh

## Physical specifications

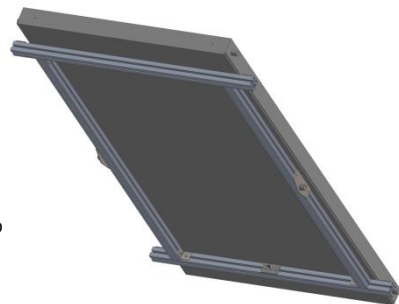
Length:	2000 mm
Width:	1060 mm
Area:	2.1 m <sup>2</sup>
Weight:	70 kg

## Overview

Heliomotion TC-1000 is a high efficiency, dual-axis tracking thermal solar collector for home use. By following the sun, and by using high efficiency collectors, the TC-1000 delivers up to twice as much energy as a same-sized stationary thermal collector.

## Collector features

- The collector consists of a high performance Onnline flat plate collector to maximize the efficiency.
- Heats 150 liters of water 50°C per sunny day, the average daily consumption of a 2-3 person household.
- With an electricity cost of 0.15 €/kWh, the annual heat production of up to 1500 kWh in northern Europe gives up to 225 €/year in savings.



## Tracker features

- Automatically determines sun's location from anywhere in the world using GPS and internal calculations.
- Innovative two axis design using only one actuator.
- High precision tracking to maximize energy production.
- Rotates 180° horizontally and 15° to 70° vertically.
- Reliable, low energy consumption and silent operation.
- Equipped with automatic high temperature protection, turning the collector away to prevent overheating.



For more information please visit [www.heliomotion.com](http://www.heliomotion.com) or contact us at [info@heliozenit.com](mailto:info@heliozenit.com).