

## Burning Hot @ 350°C Solar Heat Collector Archimédes No emissions

Solar Energy is serious stuff when it comes to generate 350°C while insulating the pipes carrying the heat.

We ensure the full insulation of the 350°C medium carried in the pipelines. We are adopting Superfoam of [Vortexed Spercement](#) as insulating material.

Our energy carrier is very ecological ensuring full safety and stability @350°C in full medium flow, and up to 700°C as the highest temperature in an idle mirror pipe.

However, during the day it experiences extra thermal load or thermal loss depending upon the season, due to weather changing conditions ensuring a limited or an extended sunshine IR-radiation.

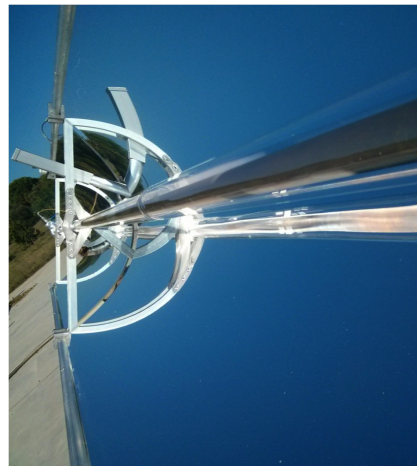
### Archimédes reliable use examples:

- feeding a thermal reservoir heating up water to pressured steam
- chemical processes
- oil extraction augmentation in oil fields (alleviating the thermal-load during sunshine)

### Archimédes:

it is an focal mirror collecting Sun's energy to max 350°C during the day while alleviating one of the stages in temperature elevation:

- 1,5m large, 2m long, 1,3m high,
- one or two-axis electrically drove
- accurate positioning toward the sun
- our Energy Carrier is easy handling and causes no problems in bridging distances of 2Km @ 700°C
- effective thermal power at focus 1.2KW
- temperatures 350°C @ DNI1000W/m<sup>2</sup>
- 700°C when idle
- optical efficiency >70%
- adopting properly 700°C coated and insulated pipings in Vortexed Spercement and Spercement Foam.



**NB:** It can be connected to the [POST OXIDIZER](#).



**The Evolution:**



**There is a cost billed by us for the Case Study, Planning, Projecting and Maintenance of our apparatuses.**

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